

Catalog



Avigilon Product Catalog

Solutions for video security, access control and beyond



AVIGILON™

The first and only mission-critical ecosystem

Motorola Solutions is solving for safer. We build and connect technologies to help protect people, property and places. Our solutions enable the collaboration between public safety agencies and enterprises that's critical for a proactive approach to safety and security. Voice, video and data are unified, so information flows, operations run and collaboration improves to help strengthen safety everywhere.





Video security, access control & beyond

Solutions for enterprises and governments

Physical security is evolving, yet many of today's systems are struggling to keep up. Distributed sites, hybrid workforces, growing cybersecurity risks and limited resources all demand smarter, more connected solutions that not only help protect people, property and places, but also empower facilities to run more efficiently.

Our on-premise and cloud technology suites combine cameras, access control, infrastructure and management software with powerful, AI-enabled analytics to take your security system from passive observer into an active partner.

Investigations that once took hours or days, now take minutes with advanced search, generative AI alerts and seamless integrations across the Motorola Solutions ecosystem. Beyond security, our cloud solutions help solve operational challenges with 24/7 monitoring, visitor and mailroom management, and emergency data sharing with first responders to keep organizations running smarter and safer.



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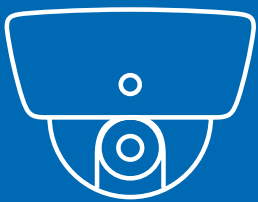
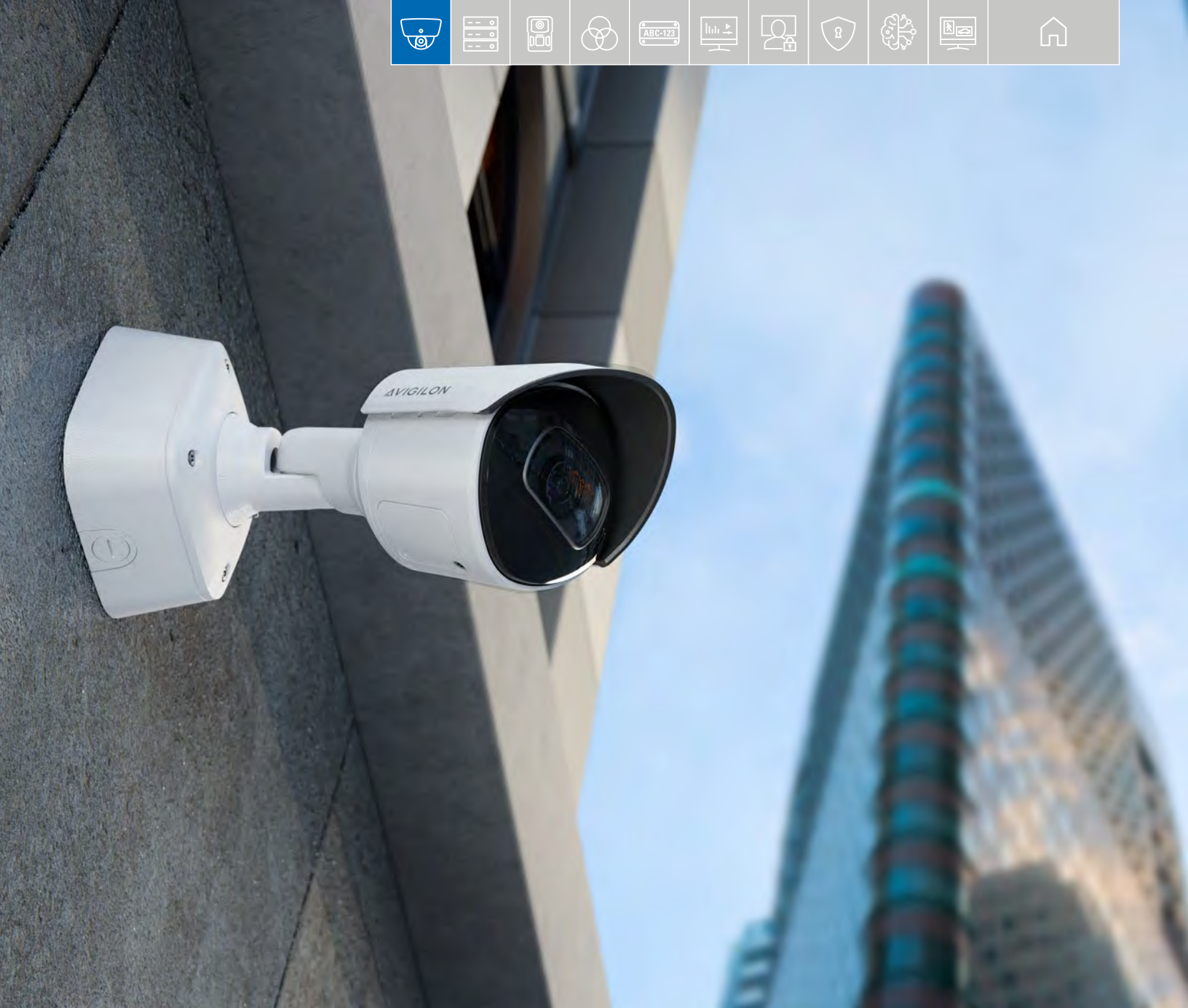
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Unity Cameras & Sensors

The Avigilon Unity on-premise portfolio offers a complete video security solution, with cutting-edge camera and sensor technologies that are embedded with features such as smart analytics to help focus your attention on the events that matter most. Our fixed camera portfolio includes cameras and technologies for any application, from 1–61 MP resolution in fixed, moving and multisensor options, to infrared (IR) and thermal technology to help you see more in dark environments, to a 360-degree view for broad coverage with fewer cameras.



Avigilon Unity camera lines overview

Available in five distinct camera lines, Avigilon Unity cameras are designed to meet you where you are. Achieve the level of image detail you need and utilize the cameras' built-in analytic features to address your site's unique challenges.



MODEL NAME	H6A/H6X/H6XP CAMERAS	H5A CAMERAS	H6SL CAMERAS	H6M CAMERAS	H5M CAMERAS
Summary	Future-proof your most critical sites with our most advanced cameras, delivering the latest cutting-edge analytics and imaging technology for unparalleled situational awareness.	Secure your site with powerful cameras that offer our core analytics and unique form factors to help solve your various safety and operational needs.	Combine versatility and high performance with these all-purpose cameras that can take on an extensive range of indoor and outdoor applications, including general security monitoring needs.	Start protecting your people and property in minutes with this indoor, no-frills camera that provides optimal protection in a discreet design.	Designed for sites that want outdoor monitoring without advanced analytics, this value camera is up for the challenge with easy installation and a tough exterior.
Form factors	Dome Short & Long Bullet Box PTZ Fisheye Dual Head	Panoramic PTZ / IR PTZ Thermal Corner Modular	Dome Bullet	Dome	Dome
Analytic capabilities	Classified Object Detection Unusual Activity Detection Visible Firearm Detection (U.S. only) Crowd Detection Audio Analytics (dome and bullet only) Dynamic Privacy Masking Vehicle Subclass Alerts Person Crawling Detection Appearance Search Support Facial Recognition support	Classified Object Detection Unusual Activity Detection Appearance Search Support Facial Recognition Support	Classified Object Detection Unusual Activity Detection Appearance Search Support Facial Recognition Support	Classified Object Detection Unusual Activity Detection Appearance Search Support Facial Recognition Support	Unusual Motion Detection
Analytic detection distance	Long range	Long to short range (will vary with camera)	Mid range	Short range	Short range
Resolutions	2 through 8 MP	2 through 8 MP	2, 3, 5, 8 MP	2, 3, 5 MP	2, 5 MP
Image quality	Best	Excellent	Great	Good	Good
IR distance	Long range	Long to short range (will vary with camera)	Mid range	Short range	Short range
Lens options	Longer varifocal CS/ICS (box only)	Shorter varifocal	Shorter varifocal	Fixed	Fixed
	Signed and encrypted firmware Vulnerability scans Built-in TPM Secure Boot	Signed and encrypted firmware	Signed and encrypted firmware Vulnerability scans Built-in TPM Secure Boot	Signed and encrypted firmware Vulnerability scans	Signed and encrypted firmware
Environmental	Impact resistant NEMA 4X NEMA TS2 Indoor and outdoor variants	Impact resistant Indoor and outdoor variants	Impact resistant Indoor and outdoor variants	Indoor variants	Impact resistant Outdoor variants
Operating temperature	Wide range	Wide range	Mid range	Limited range	Mid range

Need help with choosing? [Connect with our team of experts today.](#)



H6A Dome Cameras

Elevate your awareness to new heights with the powerful line of cameras. Take advantage of advanced AI video and audio analytics to proactively identify critical events.



Specifications

MODEL NAME	INDOOR DOME		OUTDOOR DOME			
PART NUMBERS	2.0C-H6A-D1	6.0C-H6A-D1	2.0C-H6A-DO1	6.0C-H6A-DO1		
	2.0C-H6A-D2	6.0C-H6A-D2	2.0C-H6A-DO2	6.0C-H6A-DO2		
	2.0C-H6A-D1-IR	6.0C-H6A-D1-IR	2.0C-H6A-DO1-IR	6.0C-H6A-DO1-IR		
	2.0C-H6A-D2-IR	6.0C-H6A-D2-IR	2.0C-H6A-DO2-IR	6.0C-H6A-DO2-IR		
	4.0C-H6A-D1	8.0C-H6A-D1	4.0C-H6A-DO1	8.0C-H6A-DO1		
	4.0C-H6A-D2	8.0C-H6A-D2	4.0C-H6A-DO2	8.0C-H6A-DO2		
	4.0C-H6A-D1-IR	8.0C-H6A-D1-IR	4.0C-H6A-DO1-IR	8.0C-H6A-DO1-IR		
	4.0C-H6A-D2-IR	8.0C-H6A-D2-IR	4.0C-H6A-DO2-IR	8.0C-H6A-DO2-IR		
Resolution	2 MP, 4 MP, 6 MP, 8 MP					
Image Sensor	2 MP: 1/2.8" progressive scan CMOS 4 MP / 6 MP / 8 MP: 1/1.8" progressive scan CMOS					
Max. Dynamic Range (dB)	2 MP: 150 dB, 4 MP / 6 MP / 8 MP: 144 dB					
Max. Image Rate (50 Hz/60 Hz)	2 MP / 4 MP: 50 fps/60 fps, 6 MP / 8 MP: 25 fps/30 fps					
Environmental	IK10		IK11, IP66/67/68, NEMA Type 4X, NEMA TS2			
LENS	2.8-12 MM LENS		4.4-9.3 MM LENS		10.9-29 MM LENS	
Angle of View (Horizontal x Vertical), Wide	2 MP	(16:9) 27° x 119°	N/A		(16:9) 11° x 30°	
	4 MP	N/A	(16:9) 47° x 111°		(16:9) 15° x 42°	
	6 MP	N/A	(16:9) 47° x 109°		(16:9) 15° x 42°	
	8 MP	N/A	(16:9) 47° x 109°		(16:9) 15° x 42°	
Angle of View (Horizontal x Vertical), Tele	2 MP	(16:9) 15° x 64°	N/A		(16:9) 6° x 16.5°	
	4 MP	N/A	(16:9) 26° x 57°		(16:9) 9° x 23°	
	6 MP	N/A	(16:9) 26° x 57°		(16:9) 9° x 23°	
	8 MP	N/A	(16:9) 26° x 57°		(16:9) 9° x 23°	
Lens Control	Remote Zoom and Focus, Autofocus, IR Cut Filter					

Key features

- AI-powered video analytics
- Audio analytics and optional recording
- Optional IR Illumination
- Dynamic privacy masking
- Wide Dynamic Range support
- FIPS 140-2 compliant TPM and Secure Boot
- ONVIF Profile S, T, M and G conformant
- H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Learn more



Audio, power & storage

Audio Compression Method	G.711 PCM 8 kHz, Opus
Audio Input/Output	Line level input and output
External I/O Terminals	1 x Relay In, 1 x Relay Out, 1 x 12 VDC out at 50 mA
External Power Source	12-24 VDC +/-10%
PoE Power Source	PoE: IEEE 802.3af Class 3 PoE+: IEEE 802.3at Class 4
Onboard Storage	Dual MicroSD/microSDHC/microSDXC slot - video speed class card required. Class V10 or better recommended.



H6A Bullet Cameras

Elevate your situational awareness to new heights with this powerful line of cameras that can run multiple edge-based analytics simultaneously.

Specifications



MODEL NAME	SHORT BULLET	LONG BULLET
PART NUMBERS	2.0C-H6A01-IR 4.0C-H6A01-IR 6.0C-H6A01-IR 8.0C-H6A01-IR	2.0C-H6A02-IR 4.0C-H6A02-IR 6.0C-H6A02-IR 8.0C-H6A02-IR
Resolution	2 MP, 4 MP, 6 MP, 8 MP	
Image Sensor	2 MP: 1/2.8" progressive scan CMOS 4 / 6 / 8 MP: 1/1.8" progressive scan CMOS	
Max. Dynamic Range (dB)	2 MP: 130 dB, 4 MP: 120 dB, 6 MP: 144 dB, 8 MP: 144 dB	
Max. Image Rate (50 Hz/60 Hz)	2 MP / 4MP : 50 fps/60 fps, 6 MP / 8 MP : 25 fps/30 fps	
Environmental	IK11, IP66/67/68, IPx9K, NEMA Type 4X, NEMA TS2	

LENS	2.8-12 MM LENS (SHORT BULLET ONLY)	4.4-9.3 MM LENS (SHORT BULLET ONLY)	4.5-148.5 MM & 6.9-214.6 MM LENSES (LONG BULLET ONLY)
Angle of View (Horizontal x Vertical), Wide	2 MP	(16:9) 27° x 119°	N/A
	4 MP	N/A	(16:9) 47° x 111°
	6 MP	N/A	(16:9) 47° x 111°
	8 MP	N/A	(16:9) 47° x 111°
Angle of View (Horizontal x Vertical), Tele	2 MP	(16:9) 15° x 64°	N/A
	4 MP	N/A	(16:9) 26° x 57°
	6 MP	N/A	(16:9) 26° x 57°
	8 MP	N/A	(16:9) 26° x 57°
Lens Control	Remote Zoom and Focus, Autofocus, IR Cut Filter		

Key features

- AI-powered video analytics
- Optional IR illumination
- Wide Dynamic Range support
- ONVIF Profile S, T, M and G conformant
- Audio analytics and optional recording
- Dynamic privacy masking
- FIPS 140-2 compliant TPM and Secure Boot
- H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Learn more



Audio, power & storage

Audio Compression Method	G.711 PCM 8 kHz, Opus
Audio Input/Output	Line level input and output
External I/O Terminals	1 x Relay In, 1 x Relay Out, 1 x 12 VDC out at 50 mA
External Power Source	12-24 VDC +/-10%
PoE Power Source	PoE: IEEE 802.3af Class 3 PoE+: IEEE 802.3at Class 4
Onboard Storage	Dual MicroSD/microSDHC/microSDXC slot - video speed class card required. SDXC V10 or better recommended.



H6X Dome & Box Cameras

Easily meet certain privacy requirements with this flexible line of cameras that features H6A capabilities, but have been designed with no built-in mic for effortless compliance.

Specifications



MODEL NAME	INDOOR / OUTDOOR DOME		BOX	
PART NUMBERS	4.0C-H6X-DO1-IR 4.0C-H6X-DO2-IR	8.0C-H6X-DO1-IR 8.0C-H6X-DO2-IR	2.0C-H6X-B 4.0C-H6X-B	6.0C-H6X-B 8.0C-H6X-B
Resolution	4 MP, 8 MP		2 MP, 4 MP, 6 MP, 8 MP	
Image Sensor	1/1.8" progressive scan CMOS		2 MP : 1/2.8" progressive scan 4 MP / 6 MP / 8 MP : 1/1.8" progressive scan CMOS	
Max. Dynamic Range (dB)	144 dB		2 MP : 150 dB 4 MP / 6 MP / 8 MP: 144 dB	
Max. Image Rate (50 Hz/60 Hz)	4 MP : 50 fps/60 fps 8MP : 25 fps/30 fps		2 MP / 4 MP : 50 fps/60 fps 6 MP / 8MP : 25 fps/30 fps	
Environmental	IK10 IK11, IP66/67/68, NEMA Type 4X, NEMA TS2		N/A	

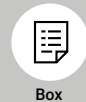
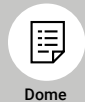
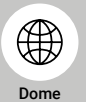
LENS	4.4-9.3 MM LENS (DOME)		10.9-29 MM LENS (DOME)	MULTIPLE LENS OPTIONS (BOX ONLY)
4 MP	(16:9) 47° x 111°		(16:9) 15° x 42°	N/A
8 MP	(16:9) 47° x 109°		(16:9) 15° x 42°	
4 MP	(16:9) 26° x 57°		(16:9) 9° x 23°	N/A
8 MP	(16:9) 26° x 57°		(16:9) 9° x 23°	

Lens Control	Remote Zoom and Focus, Autofocus, IR Cut Filter		DC lens / P-Iris: Remote back focus, autofocus, IR cut filter iCS lens: Remote zoom, focus and iris control, IR cut filter	
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Key features

- AI-powered video analytics
- Optional IR Illumination
- Wide Dynamic Range support
- Dynamic privacy masking
- ONVIF Profile S, T, M and G conformant
- H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Learn more



Audio, power & storage

Audio Compression Method	G.711 PCM 8 kHz, Opus
Audio Input/Output	Line level input and output
External I/O Terminals	1 x Relay In, 1 x Relay Out, 1 x 12 VDC out at 50 mA
External Power Source	12-24 VDC +/-10%
PoE Power Source	PoE: IEEE 802.3af Class 3 PoE+: IEEE 802.3at Class 4 Hitless failover between PoE and Aux
Onboard Storage	Dual MicroSD/microSDHC/microSDXC slot - video speed class card required. Class V10 or better recommended.



H6X Bullet Cameras

Easily meet certain privacy requirements with this flexible line of cameras that features H6A capabilities, but have been designed with no built-in mic for effortless compliance.

Specifications



MODEL NAME	SHORT BULLET	LONG BULLET
PART NUMBERS	4.0C-H6X01-IR 8.0C-H6X01-IR	4.0C-H6X02-IR 8.0C-H6X02-IR
Resolution	4 MP, 8 MP	
Image Sensor	1/1.8" progressive scan CMOS	
Max. Dynamic Range (dB)	144 dB	
Max. Image Rate (50 Hz/60 Hz)	4 MP : 50 fps/60 fps 8 MP : 25 fps/30 fps	
Environmental	IK10, IP66/67/68, NEMA Type 4X, NEMA TS2, IPx9K	

LENS	4.4-9.3 MM LENS (SHORT BULLET)	4.5-148.5 MM & 6.9-214.6 MM LENSES (LONG BULLET ONLY)
Angle of View (Horizontal x Vertical), Wide	4 MP (16:9) 47° x 111° 8 MP (16:9) 47° x 109°	(16:9) 2.9° x 62.5° (16:9) 2.9° x 62.5°
Angle of View (Horizontal x Vertical), Tele	4 MP (16:9) 26° x 57° 8 MP (16:9) 26° x 57°	(16:9) 1.6° x 36° (16:9) 1.6° x 36°
Lens Control	Remote Zoom and Focus, Autofocus, IR Cut Filter	

Key features

- AI-powered video analytics
- Optional IR Illumination
- Wide Dynamic Range support
- Dynamic privacy masking
- ONVIF Profile S, T, M and G conformant
- H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Learn more



Audio, power & storage

Audio Compression Method	G.711 PCM 8 kHz, Opus
Audio Input/Output	Line level input and output
External I/O Terminals	1 x Relay In, 1 x Relay Out, 1 x 12 VDC out at 50 mA
External Power Source	12-24 VDC +/-10%
PoE Power Source	PoE: IEEE 802.3af Class 3 PoE+: IEEE 802.3at Class 4 Hitless failover between PoE and Aux
Onboard Storage	Dual MicroSD/microSDHC/microSDXC slot - video speed class card required. Class V10 or better recommended.



H6XP Dome & Bullet Cameras

Seamlessly connect video security with Z-Wave sensors to unify video and environmental controls. This integrated approach helps you automate responses, streamline your operations, and gain a more complete understanding of your environment. Only available in the U.S. and Canada.

Specifications



MODEL NAME	DOME		SHORT BULLET
PART NUMBERS	4.0C-H6XP-DO1-IR-NA 4.0C-H6XP-DO2-IR-NA 8.0C-H6XP-DO1-IR-NA 8.0C-H6XP-DO2-IR-NA		4.0C-H6XP-DO1-IR-NA 4.0C-H6XP-DO2-IR-NA 8.0C-H6XP-DO1-IR-NA 8.0C-H6XP-DO2-IR-NA
Resolution	4 MP 8 MP		
Image Sensor	1/1.8" progressive scan CMOS		
Max. Dynamic Range (dB)	Up to 144dB		
Max. Image Rate (50 Hz/60 Hz)	4 MP : 50 fps/60 fps 8 MP : 25 fps/30 fps		
Environmental	IK09IEC 60529 IP66, IP67, IP68 (1.8m depth for 2 hours), NEMA 4X, IEC 60068-2 Shock & Vibration, NEMA TS2, Sec 2.2.7-2.2.9, IK11		IEC 60529 IP66, IP67, IP68, IPX9K, NEMA 4X, IEC 60068-2 Shock & Vibration, NEMA TS2 Sec 2.2.7-2.2.9, IK10
LENS	4.4 - 9.3 mm 10.9 - 29 mm		4.4 - 9.3 mm 6.9 - 214.6 mm
Angle of View (Horizontal x Vertical), Wide	4 MP	4.4 - 9.3 mm: (16:9) 47° - 111° (4:3) 35° - 78°	10.9 - 29 mm: (16:9) 15° - 42° (4:3) 11° - 31°
	8 MP	4.4 - 9.3 mm: (16:9) 47° - 109° (4:3) 35° - 78°	10.9 - 29 mm: (16:9) 15° - 42° (4:3) 11° - 31°
Angle of View (Horizontal x Vertical), Tele	4 MP & 8 MP	4.4 - 9.3 mm: (16:9) 26° - 57° (4:3) 26° - 57°	10.9 - 29 mm: (16:9) 9° - 23° (4:3) 9° - 23°
Lens Control	Remote Zoom and Focus, Autofocus, IR Cut Filter		

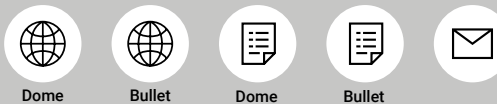
Key features

- Z-Wave compatible
- Dynamic privacy masking
- AI-powered video analytics
- Audio analytics and optional recording
- Low-light clarity
- Wide Dynamic Range support
- ONVIF Profile S, T, M and G conformant
- FIPS 140-2 compliant TPM and Secure Boot

Audio, power & storage

Audio Compression Method	G.711 PCM 8 kHz, Opus
Audio Input/Output	Line level input and output
External I/O Terminals	1 x Relay In, 1 x Relay Out, 1 x 12 VDC out at 50 mA
External Power Source	12-24 VDC +/-10%
PoE Power Source	PoE: IEEE 802.3af Class 3 PoE+: IEEE 802.3at Class 4
Onboard Storage	Two microSD/microSDHC/microSDXC slots – video speed class card required. Class V10 or better recommended.

Learn more





H6XP Z-Wave Sensors

Expand your system's capabilities by connecting Z-Wave Alliance-approved devices, such as panic buttons, motion sensors, and door sensors, to your H6XP Dome and Button cameras. This integration allows you to address various scenarios and provides a unified solution that can reduce your overall cost of ownership.

Only available in the U.S. and Canada.

Specifications



MODEL NAME	Z-WAVE DOOR CONTACT SENSOR	Z-WAVE OUTDOOR MOTION SENSOR	Z-WAVE INDOOR MOTION SENSOR	Z-WAVE PANIC BUTTON
PART NUMBERS	SM810-NA-AVO	SP816-NA-AVO	SP817-NA-AVO	AC136-NA-AVO
Dimensions	42.5 x 70 x 14.5 mm 1.67 x 2.76 x 0.57"	101 x 95 x 95 mm 3.98 x 3.74 x 3.74"	62 x 42 x 87 mm 2.44 x 1.65 x 3.43"	80 x 80 x 18 mm 3.15 x 3.15 x 0.71"
Weight	40 g 1.44 oz	184 g 6.56 oz	55 g 1.92 oz	57 g 2.08 oz
Operating Temperature	Min: -10C (14F), Max: 40C (104F)	Min: 10C (50F), Max: 40C (104F)	Min: 0C (32F), Max: 40C (104F)	Min: 0C (32F), Max: 40C (104F)

Key features



Integration with H6XP cameras



Maintain privacy



Z-Wave Alliance approved



Improve situational awareness



H6A Closed Dome Cameras

Designed for high-risk applications such as corrections and healthcare, this camera offers robust protection and reliable operation. Its seamless, tamper-resistant design helps prevent contraband concealment, tampering, and unauthorized object attachment, enhancing safety for both staff and individuals.

Only available in North America.



Specifications

MODEL NAME		INDOOR/OUTDOOR DOME	
PART NUMBERS		4.0C-H6A-DO1-IR-CD 4.0C-H6A-DO2-IR-CD	8.0C-H6A-DO1-IR-CD 8.0C-H6A-DO2-IR-CD
Resolution		4 MP	8 MP
Image Sensor		1/1.8" progressive scan CMOS	
Max. Dynamic Range (dB)		Up to 144dB	
Max. Image Rate (50 Hz/60 Hz)		50 fps/60 fps	25 fps/30 fps
Environmental		IEC 60529 IP66, IP67, IP68 (2m depth for 2 hours), IPX9K, NEMA 4X, IEC 60068-2 Shock & Vibration, NEMA TS2 Sec 2.2.7-2.2.9, IK11	
LENS		4.4 - 9.3 mm	10.9 - 29 mm
Angle of View (Horizontal x Vertical), Wide	4 MP	(16:9) 47° - 111° (4:3) 35° - 78°	(16:9) 15° - 42° (4:3) 11° - 31°
	8 MP	(16:9) 47° - 109° (4:3) 35° - 78°	(16:9) 15° - 42° (4:3) 11° - 31°
Angle of View (Horizontal x Vertical), Tele	4 MP & 8 MP	(16:9) 26° - 57° (4:3) 26° - 57°	(16:9) 9° - 23° (4:3) 9° - 23°
Lens Control		Remote Zoom and Focus, Autofocus, IR Cut Filter	

Key features

- Seamless, gap-free design
- Built for tough conditions
- AI-powered video analytics
- Audio analytics and optional recording
- ONVIF Profile S, T, M and G conformant
- FIPS 140-3 compliant TPM and Secure Boot

Learn more



Audio, power & storage

Audio Compression Method	G.711 PCM 8 kHz, Opus
Audio Input/Output	Line level input and output
External I/O Terminals	1 x Relay In, 1 x Relay Out, 1 x 12 VDC out at 50 mA
External Power Source	25W (18W with IR disabled)
PoE Power Source	PoE: IEEE 802.3af Class 3 PoE+: IEEE 802.3at Class 4
Onboard Storage	Two microSD/microSDHC/microSDXC slots – video speed class card required. Class V10 or better recommended.



Unity H6A PTZ Cameras

Cover expansive areas, detect incidents proactively, and capture fast-moving objects with this powerful indoor and outdoor PTZ camera.

Specifications



MODEL NAME	INDOOR IN-CEILING	INDOOR/OUTDOOR PENDANT
PART NUMBERS	2.0C-H6A-PTZ-DC30 4.0C-H6A-PTZ-DC30	2.0C-H6A-PTZ-DP30 4.0C-H6A-PTZ-DP30
Resolution	2 MP 4 MP	
Image Sensor	1/1.8" progressive scan CMOS	
Max. Dynamic Range (dB)	122 dB	
Max. Image Rate (50 Hz/60 Hz)	2 MP : 50 fps/60 fps 4 MP : 25 fps/30 fps	
Environmental	IK09	IK09/10, IP66/67, NEMA Type 4X, NEMA TS2
LENS	6.5 mm to 162.5 mm, F/1.6 – F/4.8	
Angle of View (Horizontal x Vertical), Wide	58.1 x 34.8	
Angle of View (Horizontal x Vertical), Tele	2.3 x 1.4	
Zoom	30x Enhanced Optical	
Lens Control	Remote Zoom and Focus, Autofocus, IR Cut Filter, Auto Iris	

Key features



Video analytics with Auto-Tracking



Up to 30x zoom



Wide Dynamic Range support



Outdoor-ready design



ONVIF Profile S, T, M and G conformant



H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Learn more



Audio, power & storage

Audio Compression Method	Opus, G.711 PCM 8 kHz
Audio Input/Output	Full Duplex Line level input and output
External I/O Terminals	3x Alarm In (3.5VDC/3.5mA MAX), 1x NO Relay Out (32VDC/150mA MAX), 1x Digital Out (13VDC MAX), 1x 12VDC source (11~13VDC/140 mA MAX)
External Power Source	Aux 24 VDC/VAC +/- 10%
PoE Power Source	In-ceiling: <ul style="list-style-type: none"> IEEE 802.3 at Type 2, Class 4 compliant Pendant: <ul style="list-style-type: none"> IEEE 802.3at Type 2, Class 4 compliant IEEE802.3bt Type 3, Class 6 compliant IEEE802.3bt Type 4, Class 8 compliant
Onboard Storage	Dual MicroSD/microSDHC/microSDXC slot - video speed class card required. Class V10 or better recommended.



Unity H6A Fisheye Cameras

Get comprehensive protection from a single vantage point, with up to 360° views that deliver seamless panoramic coverage, precise imaging, and AI-powered insights.

Specifications



MODEL NAME	SURFACE MOUNT DOME		IN-CEILING MOUNT INDOOR DOME	
	PART NUMBERS	8.0C-H6A-FE-180-DO2 8.0C-H6A-FE-360-DO1 8.0C-H6A-FE-180-DO2-IR 8.0C-H6A-FE-360-DO1-IR	12.0C-H6A-FE-360-DO1 12.0C-H6A-FE-360-DO1-IR	8.0C-H6A-FE-DC1
Resolution	8 MP	12 MP	8 MP	12 MP
Image Sensor	1/1.8" progressive scan CMOS	1/1.6" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.6" progressive scan CMOS
Max. Dynamic Range (dB)	WDR Off: Up to 83 dB WDR On: Up to 120 dB			
Max. Image Rate (50 Hz/60 Hz)	Full feature: 25fps/30fps No video analytics: 35fps/30fps Dewarp video: 25fps/30fps High framerate 180: 33fps/40fps High framerate 360: 50fps/60fps			
Environmental	IK10 Impact Rating ¹ , NEMA 4X, IP66 & IP67 Ingress Rating		IP54 Ingress Rating	
LENS	8 MP		12 MP	
Focal length	180°	1.74 mm	N/A	
	360°	1.4mm	1.74 mm	
Angle of View (Horizontal x Vertical), Wide	180°		188°	
	360°		182°	
Angle of View (Horizontal x Vertical), Tele	180°		104°	
	360°		182°	

Key features

- 360° and 180° coverage
- Seamless installation
- AI-powered video analytics
- Audio analytics and optional recording
- Avigilon Appearance Search & Facial Recognition
- Wide Dynamic Range support
- ONVIF Profile S, T, M and G conformant
- FIPS 140-3 compliant TPM and Secure Boot

Audio, power & storage

Audio Compression Method	Opus, G.711 PCM 8 kHz
Audio Input/Output	Line level I/O and built-in microphone (can be disabled with a hardware switch)
External I/O Terminals	Alarm In, Alarm Out
External Power Source	Surface: VDC: 12V+/-10%, 26 W min In-ceiling: VDC: 12V+/-10%, 12 W min
PoE Power Source	Surface mount: • PoE: IEEE 802.3 af Class3 • PoE+: IEEE 802.3at Class4 In-ceiling mount: • PoE: IEEE 802.3af Class 3
Onboard Storage	Dual microSD/microSDHC/microSDXC slots – video speed class card required. Class V10 or better recommended. Supports SD card encryption.

Learn more





Unity H6A Dual Head Cameras

Eliminate blind spots in corridors with the Avigilon H6A Dual Head camera for bidirectional coverage. Customize your field of view with two cameras in one, resolutions up to 16 MP, and varifocal lenses for the perfect shot.

Specifications



MODEL NAME	SURFACE MOUNT DUAL HEAD CAMERA
PART NUMBERS	6.0C-H6ADH-DO1-IR 10.0C-H6ADH-DO1-IR 16.0C-H6ADH-DO1-IR
Resolution	6 MP (2 x 3 MP) 10 MP (2 x 5 MP) 16 MP (2 x 8 MP)
Image Sensor	1/2.8" progressive scan CMOS
Max. Dynamic Range (dB)	WDR Off: Up to 80 dB WDR On: Up to 120 dB
Max. Image Rate (50 Hz/60 Hz)	25 fps/30 fps in High Framerate Mode, otherwise 20 fps/20 fps
Environmental	IP66, IP67, IP68 IPX9K IK10 NEMA 4X
LENS	
Angle of View (Horizontal x Vertical), Wide	2 x 3 MP: (4:3) Wide: 96°, Tele: 40° 2 x 5 MP: (4:3) Wide: 96°, Tele: 40° 2 x 8 MP: (16:9) Wide: 104°, Tele: 43°
Angle of View (Horizontal x Vertical), Tele	2 x 3 MP: (4:3) Wide: 70°, Tele: 30° 2 x 5 MP: (4:3) Wide: 70°, Tele: 30° 2 x 8 MP: (16:9) Wide: 55°, Tele: 24°
Lens Control	Remote Zoom and Focus, Autofocus, IR Cut Filter

Key features

- Two sensors in one camera
- Built-in IR illumination
- AI-powered video analytics
- Audio analytics and optional recording
- Avigilon Appearance Search & Facial Recognition
- Wide Dynamic Range support
- ONVIF Profile S, T, M and G conformant
- FIPS 140-3 compliant TPM and Secure Boot

Audio, power & storage

Audio Compression Method	Opus, G.711 PCM 8 kHz
Audio Input/Output	Line level audio I/O
External I/O Terminals	1x Relay In, 1x Relay Out
PoE Power Source	PoE: IEEE 802.3af Class 3 PoE+: IEEE 802.3at Class 4
Onboard Storage	Dual microSD/microSDHC/microSDXC slots – video speed class card required. Class V10 or better recommended.

Learn more





Unity H6SL Cameras

Effortlessly protect people and property with this versatile, analytics-enabled camera line suitable for a wide range of indoor and outdoor applications.







Specifications



MODEL NAME	INDOOR DOME	OUTDOOR DOME	BULLET
PART NUMBERS	2.0C-H6SL-D1 2.0C-H6SL-D1-IR 3.0C-H6SL-D1 3.0C-H6SL-D1-IR 5.0C-H6SL-D1 5.0C-H6SL-D1-IR	2.0C-H6SL-DO1 2.0C-H6SL-DO1-IR 3.0C-H6SL-DO1-IR 5.0C-H6SL-DO1 5.0C-H6SL-DO1-IR 8.0C-H6SL-DO1-IR	2.0C-H6SLO1-IR 3.0C-H6SLO1-IR 3.0C-H6SLO2-IR 5.0C-H6SLO1-IR 5.0C-H6SLO2-IR 8.0C-H6SLO1-IR
Resolution	2 MP, 3 MP, 5 MP, 8 MP		
Image Sensor	1/2.8" progressive scan CMOS		
Max. Dynamic Range (dB)	2 MP: 126 dB, 3 MP / 5 MP / 8 MP: 130 dB		
Max. Image Rate (50 Hz/60 Hz)	2 MP: 50 fps/60 fps, 3 MP / 5 MP / 8 MP: 25 fps/30 fps		
Environmental	IK10	IK10, IP66/67, Type 4X	IK10, IP66/67, Type 4X

LENS		3.4-10.5 MM LENS (DOME/BULLET)	10.9-29 MM LENS (BULLET ONLY)	4.4-9.3 MM LENS (BULLET ONLY)
Horizontal Angle of View	2 MP	101° - 31°	N/A	N/A
	3 MP	95° - 28°	28° - 10°	N/A
	5 MP	95° - 28°	28° - 10°	N/A
	8 MP	N/A	N/A	103° - 47°
Vertical Angle of View	2 MP	53° - 17°	N/A	N/A
	3 MP	69° - 21°	21° - 7°	N/A
	5 MP	69° - 21°	21° - 7°	N/A
	8 MP	N/A	N/A	54° - 26°
Lens Control	Remote Zoom and Focus, Autofocus, IR Cut Filter, Auto Iris			

Key features

-  AI-powered video analytics
-  Appearance search support
-  Wide Dynamic Range support
-  Optional IR Illumination
-  ONVIF Profile S, T, M and G conformant
-  H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Learn more



Bullet



Dome



Audio, power & storage

Audio Compression Method	G.711 PCM 8 kHz, Opus
Audio Input/Output	Line level input and output
External I/O Terminals	Alarm In, Alarm Out
Microphone	Optional microphone accessory sold separately (Indoor Dome model only)
PoE Power Source	IEEE 802.3af Class 3 compliant, 12VDC Aux (Bullet only)
Onboard Storage	microSD/microSDHC/microSDXC slot – video speed class card required. Class V10 or better recommended.



Unity H6 Mini Dome Cameras







Protect indoor and outdoor spaces with this compact yet mighty camera that combines high-quality images of up to 5 MP, a wide field of view and efficient bandwidth management in a compact design.



Specifications

MODEL NAME	INDOOR MINI DOME			OUTDOOR MINI DOME	
PART NUMBERS	2.0C-H6M-D1-IR- B 2.0C-H6M-D1 3.0C-H6M-D1-IR 3.0C-H6M-D1	3.0C-H6M-D2-IR 5.0C-H6M-D1-IR 5.0C-H6M-D2-IR		2.0C-H6M-DO1-IR 5.0C-H6M-DO1-IR	
Resolution		2 MP 3 MP 5 MP		2 MP 5 MP	
Image Sensor	1/2.8 " Progressive Scan CMOS				
Max. Dynamic Range (dB)	WDR Off: 100 dB WDR On: 120 dB			WDR Off: 83 dB WDR On: Up to 120dB	
Max. Image Rate	(50 Hz/60 Hz): 25 fps/30 fps				
Environmental	N/A			IEC 60529 IP66, IP67, IEC/EN 62262 IK10	
LENS	INDOOR MINI DOME			OUTDOOR MINI DOME	
	2 MP	3 MP	5 MP	2 MP	5 MP
Focal length	2.95 mm fixed	D1: 2.95 mm fixed D2: 2.4 mm fixed		2.99mm fixed	
Angle of View (HFOV x VFOV)	(16:9) 108° x 61°	D1: (4:3) 100° x 75° (16:9) 100° x 54° D2: (4:3) 123° x 93° (16:9) 123° x 69°		(16:9) 108° x 61°	(4:3) 101° x 75° (16:9) 100° x 54°

Key features

-  Appearance Search support
-  Facial Recognition
-  Wide Dynamic Range support
-  Wide field of view
-  ONVIF Profile S, T, M and G conformant
-  Quick & easy installation

Audio, power & storage

Audio Input/Output	N/A	
External I/O Terminals	N/A	
Power Consumption	6 W	10 W
Power Source	PoE: IEEE 802.3af Class 2 compliant	PoE: IEEE 802.3af Class 3 compliant
Onboard Storage	microSD/microSDHC/microSDXC slot – video speed class card required. Class V10 or better recommended.	

Learn more



Indoor



Outdoor





H5 Pro Cameras

Capture stunning image details over large areas with this powerful, high-definition camera line. Designed for expansive spaces, it allows you to equip a site with fewer cameras without compromising the quality of live and recorded footage.



Specifications

MODEL NAME	8 MP (4K ULTRA HD) H5 PRO	16 MP H5 PRO	26 MP H5 PRO	40 MP H5 PRO	61 MP H5 PRO
PART NUMBERS	8C-H5PRO-B	16C-H5PRO-B	26C-H5PRO-B	40C-H5PRO-B	61C-H5PRO-B
Resolution	8 MP (4K)	16 MP (5K)	26 MP (6K)	40 MP (8K)	61 MP (10K)
Image Sensor (progressive scan CMOS)	27.2 mm (Type 1.8)		43.3mm (Type 2.7) progressive scan CMOS		
Max. Dynamic Range			WDR Off: 70 dB WDR On: 120 dB		
Max. Image Rate (50 Hz / 60 Hz)	WDR Off: 25 fps / 24fps WDR On: 16.7 fps / 17.1 fps		16:9: 16.7 fps / 17.1 fps 3:2: 14.3 fps / 15 fps	WDR Off: 10 fps WDR On: 8.3 fps / 8.6 fps	3:2: 7 fps 16:9: 8.3 fps / 8.6 fps
Max. IR Illumination Distance	-				
Environmental	IP66 rating for water resistance with optional appropriate housing				
Lens	Dependent on selected lens capability – see page 30 for lens options				

Key features

- AI-powered video analytics¹
- Wide Dynamic Range support
- Extended temperature range
- ONVIF Profile S, T, M and G conformant
- Multiple lens options
- LightCatcher technology
- Appearance Search support¹
- H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Learn more



Audio, power & storage

Audio Compression Method	Opus, G.711 PCM 8 kHz
Audio Input/Output	Line level I/O, A/V mini-jack (3.5mm)
External I/O Terminals	Alarm in, alarm out
External Power Source	VDC: 12 V ± 10%, 18 W; VAC: 24 V ± 10%, 21 VA
PoE Power Source	IEEE802.3at Class 4 compliant
Onboard Storage	Dual microSD/microSDHC/microSDXC slot – video speed class required. Class V10 or better recommended.

¹ Not available on H5 Pro 61 MP models.



Unity H5A Multisensor Cameras

See a wide area with high-quality images and video analytics, making it easier for your team to identify and respond to what matters most. With this integrated solution, you can improve team effectiveness and provide greater certainty without the complexity of multiple cameras.



Specifications

MODEL NAME	3-SENSOR	4-SENSOR	
PART NUMBERS	9C-H5A-3MH 15C-H5A-3MH 24C-H5A-3MH	12C-H5A-4MH 20C-H5A-4MH 32C-H5A-4MH	
Resolution (total / per sensor)	9 MP / 3 MP 15 MP / 5 MP 24 MP / 8 MP	12 MP / 3 MP 20 MP / 5 MP 32 MP / 8 MP	
Image Sensor	1/2.8" CMOS		
Dynamic Range	120 dB		
Environmental	IK10, IP66/67, NEMA 250 Type 4X, NEMA TS2		
LENS	3.3-5.7MM LENS		
	3 MP	5 MP	8 MP
Lens and Horizontal Field of View Based on Aspect Ratio	53° x 97° (16:9) 53° x 99° (4:3)	53° x 97° (16:9) 53° x 99° (4:3)	58° x 106° (16:9) 43° x 74° (4:3)
Lens and Vertical Field of View Based on Aspect Ratio	29° x 50° (16:9) 39° x 69° (4:3)	29° x 50° (16:9) 39° x 69° (4:3)	32° x 55° (16:9) 32° x 55° (4:3)
Lens Control	Fixed Iris, Remote Focus and Zoom		

Multisensor Packages

DESCRIPTION	PART NUMBER
3 x 3MP, WDR, 270degree maxfield of view, Lightcatcher, 3.3-5.7MM, with pendant adapter and clear dome cover	9C-H5A-3MH-DP1
4 x 3MP, WDR, 360degree maxfield of view, Lightcatcher, 3.3-5.7MM, with pendant adapter and clear dome cover	12C-H5A-4MH-DP1
3 x 5MP, WDR, 270degree maxfield of view, Lightcatcher, 3.3-5.7MM, with pendant adapter and clear dome cover	15C-H5A-3MH-DP1
4 x 5MP, WDR, 360degree maxfield of view, Lightcatcher, 3.3-5.7MM, with pendant adapter and clear dome cover	20C-H5A-4MH-DP1
3 x 8MP, WDR, 270degree maxfield of view, Lightcatcher, 3.3-5.7MM, with pendant adapter and clear dome cover	24C-H5A-3MH-DP1
4 x 8MP, WDR, 360degree maxfield of view, Lightcatcher, 3.3-5.7MM, with pendant adapter and clear dome cover	32C-H5A-4MH-DP1

Key features

- AI-powered video analytics
- Varifocal lenses
- Impact, water & dust protection
- High-quality images day & night
- ONVIF Profile S, T, M and G conformant
- H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Audio, power & storage

Audio Compression Method	Opus, G.711 PCM 8 kHz
Audio Input/Output	Line level input and output
External I/O Terminals	Alarm in, alarm out
External Power Source	24 VDC ± 10 %; 24 VAC rms ± 10 %, 50 or 60 Hz
PoE Power Source	In-Ceiling Mount: 30 W IEEE 802.3at Type 2 (PoE+) Surface and Pendant Mounts: <ul style="list-style-type: none"> With IR: 60 W (PoE++): IEEE 802.3bt Type 3, Cisco® UPoE or legacy high-power PoE Up to 35% IR Power or without IR: 30 W IEEE 802.3at Type 2 (PoE+)
Onboard Storage	Dual MicroSD/microSDHC/microSDXC slot - video speed class card required. Class V10 or better recommended. The dual SD cards will work as one contiguous region of storage.

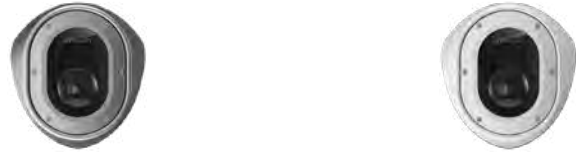
Learn more





H5A Corner Cameras

To protect high-risk environments, you need a camera with an anti-ligature, no-grip design that can withstand tampering and vandalism. The camera comes in durable stainless steel or cold-rolled steel finishes and has an invisible IR LED to help provide improved visibility in detention centers and medical seclusion rooms.



Specifications

MODEL NAME	H5A CORNER, STAINLESS STEEL		H5A CORNER, COLD-ROLLED STEEL	
PART NUMBERS	3.0C-H5A-CR1-IR-SS 3.0C-H5A-CR2-IR-SS	5.0C-H5A-CR1-IR-SS 5.0C-H5A-CR2-IR-SS	3.0C-H5A-CR1-IR 3.0C-H5A-CR2-IR	5.0C-H5A-CR1-IR 5.0C-H5A-CR2-IR
Resolution	3 MP	5 MP	3 MP	5 MP
Image Sensor	1/2.8" progressive scan CMOS			
Max. Dynamic Range	126 dB			
Max. Image Rate (50 Hz / 60 Hz)	WDR Off: 25 fps / 30 fps WDR On: 20 fps / 20 fps			
Environmental	IP66 and IP67 Weather Rating, NEMA 4X Enclosure Rating, IK10+ Impact Rating		IP66 and IP67 Weather Rating, IK10+ Impact Rating	
LENS	CR2: 2.3mm Fixed		CR1: 3 - 9mm Varifocal	
Horizontal Angle of View Based on Aspect Ratio	(4:3) 135° (16:9) 133°		(16:9) 34° - 105° (4:3) 34° - 105°	
Vertical Angle of View Based on Aspect Ratio	(4:3) 95° (16:9) 74°		(4:3) 26° - 77° (16:9) 19° - 57°	

Key features

- AI-powered video analytics
- Audio recording capabilities
- Water, impact & enclosure rated
- Easy to clean & repair
- Appearance Search & Facial Recognition
- Wide Dynamic Range support
- ONVIF Profile S, T, M and G conformant
- H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Audio, power & storage

Audio Compression Method	Opus, G.711 PCM 8 kHz
Audio Input/Output	Line level I/O or built-in microphone
External I/O Terminals	Alarm In, Alarm Out
External Power Source	VDC: 12 V ± 10%, 12 W min; VAC: 24 V ± 10%, 13 VA min
PoE Power Source	IEEE802.3af Class 3 compliant
Onboard Storage	microSD/microSDHC/microSDXC slot – video speed class required. Class V10 or better recommended.

Learn more



Fixed

Varifocal



Unity H5A Modular Cameras

Flexible, powerful and lightweight, the H5A Modular camera is packed with smart features to help secure areas with limited space and meet unobtrusive monitoring requirements.

Specifications: Imager Modules



MODEL NAME	RIGHT ANGLE IMAGER MODULE	MICRO BULLET IMAGER MODULE	
PART NUMBERS	3C-H5MOD-RP4	3C-H5MOD-MB2	5C-H5MOD-MB2
Resolution (MP)	3.0 MP	3.0 MP	5.0 MP
Image Sensor	1/2.7" Progressive Scan		
Max. Dynamic Range (dB)	WDR Off: 82 dB WDR On: 120 dB		
Max. Image Rate	(50 Hz/60 Hz): 25 fps/30 fps		
Operating Temperature	-30 °C to +60 °C (-22 °F to 140 °F)		
Environmental	N/A	IP66 Weather Rating	
LENS	3.7 MM FIXED PINHOLE APERTURE	2.8 MM FIXED	
Horizontal Angle of View (HFOV)	92°	110°	
Vertical Angle of View (VFOV)	53°	80°	



Main Unit

MODEL NAME	MAIN UNIT	
PART NUMBER	H5A-MOD-2P	
Max. Image Rate	High Frame Rate: (50 Hz/60 Hz)	(≤ 6 MP) 25 fps/30 fps (8 MP) 25 fps/24 fps (10 MP) 20 fps/24 fps
(Based on combined resolution of 1 or 2 imager modules)	Full Feature Mode: (50 Hz/60 Hz)	(≤ 5 MP) 25 fps/30 fps (6 MP) 25 fps/24 fps (8 MP) 20 fps/20 fps (10 MP) 12.5 fps/15 fps
Max. Dynamic Range	120 dB	
Audio Compression Method	G.711 PCM 8 kHz, Opus	
Audio Input/Output	Line level input and output	
External I/O Terminals	Alarm In, Alarm Out	
Power Consumption	13 W Max	
PoE Power Source	VDC: 12 V +/-10%, 11.5 W min PoE: IEEE 802.3af Class 3 compliant	
Onboard Storage	Dual microSD/microSDHC/microSDXC slots - video speed class card required. Class V10 or better recommended. One of the two SD card slots is available for onboard storage.	

Key features

- AI-powered video analytics
- Appearance Search & Facial Recognition
- Unusual Activity detection
- Wide Dynamic Range support
- ONVIF Profile S, T, M and G conformant
- H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Learn more





H5A PTZ Cameras

Combines 360° views for wide area coverage and a powerful 36x zoom for long-range, evidentiary detail, helping you monitor vast areas with ease.



Specifications

MODEL NAME	INDOOR IN-CEILING	INDOOR/OUTDOOR PENDANT
PART NUMBERS	8.0C-H5A-PTZ-DC36	8.0C-H5A-PTZ-DP36
Resolution	8 MP	
Image Sensor	1/2.5" Type "Exmor R" CMOS Sensor	
Max. Dynamic Range (dB)	100 dB	
Max. Image Rate (50 Hz/60 Hz)	30 fps	
Environmental	IK10	IK10, IP66/67, NEMA 4X
LENS	4.4 mm to 88 mm, F/2.0 – F/3.8	
Angle of View (Horizontal)	69.7° x 2.2°	
Angle of View (Vertical)	42.8° x 1.3°	
Zoom	Image Stabilization Off: 36x Image Stabilization On: 30x	

Key features

- Video Analytics with Auto-Tracking
- Wide Dynamic Range support
- Water, impact & enclosure rated
- Long range detail
- ONVIF Profile S, T, M and G conformant
- H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Learn more



Audio, power & storage

Audio Compression Method	Opus, G.711
Audio Input/Output	Line level input/output
External I/O Terminals	2 alarm in, 2 alarm out
External Power Source	24 VDC ±10%; 24 VAC rms ±10%, 50 or 60 Hz
PoE Power Source	60 W PoE: IEEE 802.3bt Class 6 PoE++, 60 W Cisco UPoE, Microsemi 60 W or higher midspans 30 W PoE: IEEE 802.3bt, 802.3at Class 4 PoE+
Onboard Storage	Dual microSD/microSDHC/microSDXC slot – video speed class required. Class V10 or better recommended.



H5A IR PTZ Cameras

Empowering you to see more in the dark, the H5A IR PTZ offers an automated IR illumination range of up to 300 meters and the ability to look 20° above the horizon.



Specifications

MODEL NAME	2 MP H5A IR PTZ	4 MP H5A IR PTZ	8 MP H5A IR PTZ
PART NUMBERS	2.0C-H5A-IRPTZ-DP40-WP	4.0C-H5A-IRPTZ-DP36-WP	8.0C-H5A-IRPTZ-DP36-WP
Resolution	2 MP	4 MP	8 MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Type "Exmor R" CMOS Sensor	
Max. Dynamic Range	120 dB	100 dB	
Max. Image Rate (50 Hz/60 Hz)	60 fps	30 fps	
Environmental	NEMA TS2, Type 4X, IK10, IP66/67/68		
LENS			
Lens	4.25 to 170 mm, F/1.6 – F/4.95, autofocus	4.4 to 88 mm, F/2.0 - F/3.8	
Angle of View Horizontal	63.7° – 1.9°	69.7° – 2.2°	
Zoom	40x	36x (with image stabilization off), 30x (with image stabilization on)	

Key features

- AI-powered video analytics
- 20° Above the horizon look up
- Appearance Search & Facial Recognition
- Automated IR illumination
- Unusual Activity Detection
- Wide Dynamic Range support
- ONVIF Profile S, T, M and G conformant
- H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Learn more



Audio, power & storage

Audio Compression Method	G.711 PCM 8k Hz, Opus 48k Hz
Audio Input/Output	Line level input and output
External I/O Terminals	2 Alarm In, 2 Relay Out
External Power Source	24 VDC ±10%; 24 VAC rms ±10%, 50 or 60 Hz
PoE Power Source ¹	IEEE 802.3bt compliant Class 8 (90W) PoE: Pihong POE90U-1BT6-A-RC (Avigilon part number POE-INJ-BT-90W-NA)
Onboard Storage	MicroSD/microSDHC/microSDXC slot – video speed class card required. Class V10 or better recommended.

¹ High power PoE is only guaranteed with the IEEE 802.3bt compliant Pihong POE90U-1BT. Contact Avigilon sales or Avigilon technical support for more information.



H5A Thermal Cameras

Obtain long-range perimeter protection with powerful heat-sensing technology that can see through complete darkness, smoke, mist and foliage.



Specifications

MODEL NAME	QVGA	VGA
PART NUMBERS ¹	320F-H5A-THC050 320F-H5A-THC024 320F-H5A-THC016 320F-H5A-THC012	640F-H5A-THR050 640F-H5A-THR032 640F-H5A-THC024 640F-H5A-THC018 640F-H5A-THC012
Resolution	320 x 256 [can be scaled up to 640 x 512]	640 x 512 [can be scaled down to 320 x 256]
Image Sensor	Uncooled VOx Microbolometer	
Dynamic Range	-40°C to 225°C (-40°F to 437°F) [may vary based on operating temperature]	
Max. Image Rate	30 fps	
Environmental	IK10, IP66/67, NEMA 250 Type 4X	

PART NUMBER	LENS	ANGLE OF VIEW (H x V)
640F-H5A-THR-BO50	9.2 mm, F1.0	49.9° x 39.3°
640F-H5A-THR-BO32	14.0 mm, F1.0	32.0° x 25.6°
640F-H5A-THC-BO24	18.0 mm, F1.0	24.3° x 19.5°
640F-H5A-THC-BO18	24.3 mm, F1.0	18.0° x 14.4°
640F-H5A-THC-BO12	36.0 mm, F1.0	12.2° x 9.8°
320F-H5A-THC-BO50	4.3 mm, F1.0	50.0° x 40.0°
320F-H5A-THC-BO24	9.1 mm, F1.0	24.1° x 19.2°
320F-H5A-THC-BO16	13.8 mm, F1.0	16.0° x 12.8°
320F-H5A-THC-BO12	18.0 mm, F1.0	12.2° x 9.7°

Key features

- AI-powered analytics
- Radiometric capabilities
- Vandal resistance
- FIPS 140-3 compliant TPM and Secure Boot
- ONVIF Profile S, T, M and G conformant
- H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Learn more



Audio, power & storage

Audio Compression Method	Opus, G.711 PCM 8 kHz
Audio Input/Output	Line level input and output
External I/O Terminals	Alarm In, Alarm Out
External Power Source	VDC: 12V +/- 10%, 9W min. VAC: 24V +/- 10%, 15VA min.
PoE Power Source	IEEE802.3af Class 3 compliant
Onboard Storage	microSD/microSDHC/microSDXC slot – video speed class card required. Class V10 or better recommended



H5M Cameras

Built to be tough and equipped with advanced AI features, the H5M camera gives you detailed, intelligent scene monitoring day and night.



Specifications

MODEL NAME	H5M		
PART NUMBERS	2.0C-H5M-DO1-IR	5.0C-H5M-DO1-IR	
Resolution (MP)	2 MP	5 MP	
Image Sensor	1/2.8" progressive scan CMOS		
Max. Dynamic Range (dB)	110 dB		
Max. Image Rate (50 Hz/60 Hz)	25 fps / 30 fps	25 fps / 24 fps	
Max. IR Illumination Distance (at 0 lux)	15 m (50 ft)		
Environmental	IP66 Weather Rating and IK08 Impact Rating		
LENS	2.8mm, F1.2, IR Corrected		
Horizontal Angle of View Based on Aspect Ratio	(16:9) 112°	(5:4) 72°	(4:3) 82°
Vertical Angle of View Based on Aspect Ratio	(16:9) 62°	(5:4) 58°	(4:3) 61°
Lens control	Fixed		

Key features

- Unusual motion detection
- Wide Dynamic Range support
- Low-light clarity
- Weather and impact rated
- ONVIF Profile S, T, M and G conformant
- H.264 & H.265 HDSM SmartCodec Technology, Motion JPEG

Learn more



Audio, power & storage

External I/O Terminals	None
PoE Power Source	IEEE802.3af Class 0 compliant
Onboard Storage	None



H4 Video Intercom

Integrates a fisheye camera with a high-performance intercom, featuring echo-canceling and noise reduction technologies, for clear two-way communication.



Specifications

MODEL NAME	H4 VIDEO INTERCOM
PART NUMBERS	3.0C-H4VI-R01-IR
Resolution	3 MP
Image Sensor	1/2.8" progressive scan CMOS
Max. Dynamic Range	120 dB
Max. Image Rate (50 Hz/60 Hz)	30 fps
Environmental	IK10 Impact Rating on enclosure IK08 Impact Rating on bubble IP66 Weather Rating
LENS	FISHEYE, 1.83MM, F2.4, IR CORRECTED
Angle of View	170°
Minimum Illumination	0 lux

Key features

-  Extended field of view
-  Weather, vandal, and tamper resistant
-  Appearance Search enabled
-  Wide Dynamic Range support
-  ONVIF Profile S, T, M and G conformant
-  H.264 HDSM SmartCodec Technology, Motion JPEG

Learn more



Audio, power & storage

Audio Compression Method	Opus, G.711
Audio Input/Output	Built-in microphone with hardware disable / built-in speaker
External I/O Terminals	1 alarm in, 2 alarm out, 1 tamper out
External Power Source	VDC: 12V +/- 10%, 10W min
PoE Power Source	IEEE802.3af Class 3 compliant
Onboard Storage	microSD/microSDHC/microSDXC slot – video speed class card required. Class V10 or better recommended.



Unity Camera Accessories

H6A/H6X Dome Cameras

DESCRIPTION	PART NUMBER
Pendant NPT adapter	H6A-MT-NPTA1
Pendant wall arm, 1.5" NPT female, 20 cm (7.8") long	WLMT-1021
In-Ceiling adapter	CLADP-1001
Metal ceiling panel for suspended ceiling installations	CLPNL-1011
Weathershield for dome cameras	DMSLD-1001
Replacement clear dome bubble	DMBBL-1001
Replacement IR dome bubble	DMBBL-1011
Optional smoked dome bubble, not compatible with the IR cameras	DMSBL-1001
USB adapter cable, for use with USB-AC56 Wifi install kit	CBLKIT-1011
USB Wifi adapter install kit (North America)	USB-AC56-NA-MSI
USB Wifi adapter install kit (Europe)	USB-AC56-EU-MSI
Camera sealing grommet, pack of 10	GROM-1001
Pipe sealing grommet, pack of 10	GROM-1011
Pole mount adapter	PLMT-1001
Corner mount adapter	CRNMT-1001

H6A/H6X Bullet Cameras

DESCRIPTION	PART NUMBER
Replacement B01 bullet sunshield	H6A-BO-SHLD1
Replacement B02 bullet sunshield	H6A-BO-SHLD2
USB adapter cable, for use with USB-AC56 Wifi install kit	CBLKIT-1011
USB Wifi adapter install kit (North America)	USB-AC56-NA-MSI-B
USB Wifi adapter install kit (Europe)	USB-AC56-EU-MSI-B
Pole mount adapter	PLMT-1001
Corner mount adapter	CRNMT-1001

H6X Box Cameras

DESCRIPTION	PART NUMBER
Outdoor HD Enclosure with Heater	ES-HD-HWS
Outdoor HD Enclosure with Cooling	ES-HD-CWS
Outdoor HD Small Enclosure with Heater	ES-HD-HWS-SM
USB Wi-Fi adapter	USB-AC56-NA-MSI-B / USB-AC56-EU-MSI-B
Computar 2.8-8.5mm f1.2, 1/2.7", 6MP, iCS	AG3Z2812TCS-MPWIR-MSI
Computar 2.8-8.5mm f1.2, 1/2.7", 5MP, P-Iris	AG3Z2812KCS-MPWIR-MSI
Tamron 2.7-13mm f1.4, 1/2.7", 3MP, DC Iris	M13VG2713IR-MSI
Theia 1.8-3mm f1.8, 1/2.7", 4K, DC Iris	SL183A-MSI
Theia 9-40mm f1.5, 1/2.3", 4K, P-Iris	SL940P-MSI
Tamron 8-50mm f1.6, 1/2.7, 3MP, DC Iris	M13VG850IR-MSI
Ricom 3.4-9.85mm f1.86, 1/2.7, 5MP, DC Iris	FG50020P.IR-MSI
Computar 9-50mm f1.5, 1/1.8", 4K, iCS	EG6Z0915TCS-MPWIR-MSI
Theia 12-50mm f1.8, 1/1.7", 4K, P-Iris	SL1250P-MSI
Computar 3.9-10mm f1.5, 1/1.8", 4K, P-Iris	EG3Z3915KCS-MPWIR-MSI
Computar 3.9-10mm f1.5, 1/1.8", 4K, iCS	EG3Z3915TCS-MPWIR-MSI
Tamron 3.8-17mm f1.4, 1/1.7, 4K, DC Iris	M117VG3817IR-MSI
Ricom HV03610P.IR (3.6-10mm)	HV03610P.IR-MSI

H6XP Dome Cameras

DESCRIPTION	PART NUMBER
Pendant NPT adapter	H6A-MT-NPTA1
Pendant wall arm, 1.5" NPT female, 20 cm (7.8") long	WLMT-1021
In-Ceiling adapter	CLADP-1001
Metal ceiling panel for suspended ceiling installations	CLPNL-1011
Weathershield for dome cameras	DMSLD-1001
Replacement clear dome bubble	DMBBL-1001
Replacement IR dome bubble	DMBBL-1011
Optional smoked dome bubble, not compatible with the IR cameras	DMSBL-1001
Camera sealing grommet, pack of 10	GROM-1001
Pipe sealing grommet, pack of 10	GROM-1011
Corner mount adapter	CRNMT-1001
Pole mount adapter	PLMT-1001
Camera license to enable FIPS cryptographic module.	CAM-FIPS



Unity Camera Accessories

H6XP Bullet Cameras

DESCRIPTION	PART NUMBER
Replacement B01 bullet sunshield	H6A-BO-SHLD1
Pole mount adapter	PLMT-1001
Camera license to enable FIPS cryptographic module.	CAM-FIPS

H6A Closed Dome Cameras

DESCRIPTION	PART NUMBER
Weathershield for dome cameras	DMSLD-1001
Replacement IR dome bubble	DMBBL-1011
USB adapter cable, for use with USB-AC56 Wifi install kit	CBLKIT-1011
USB Wifi adapter install kit (North America)	USB-AC56-NA-MSI
Camera sealing grommet, pack of 10	GROM-1001
Pipe sealing grommet, pack of 10	GROM-1011
Pendant NPT adapter	NPTA1-CD
Pole Mount adapter	PLMT-1001
Corner Mount adapter	CRNMT-1001
Corner Mount adapter	CRNMT-1001

H6A PTZ Cameras

DESCRIPTION	PART NUMBER
Mount, Pendant Arm, 30 cm Long, 1.5 NPT	WLMT-1031
Pendant wall arm, 1.5" NPT female, 20 cm (7.8") long	WLMT-1021
Pole mount adapter	PLMT-1001
Corner mount adapter	CRNMT-1001
Indoor single port PoE+ 30W injector. Injector operational temperature range -20 °C to +40 °C (-4 °F to 104 °F). *NA/EU/UK/AU options available.	PD-9001GR/AT/AC-*MSI
Gigabit 802.3bt 60 W PoE Injector	POE60U-1BTE
PoE injector 802.3bt 90W Single Port	POE90U-1BT
Metal Ceiling Panel for In-Ceiling Installations, Grey	PTZ-CPNL-G
Replacement smoked dome, 50% tint	PTZH6A-SMK50
Replacement clear dome	PTZH6A-CLRBBL

H6A Fisheye Cameras

DESCRIPTION	PART NUMBER
Wedge wall mount for 180 Fisheye	180-FE-WG-MT
Install Accessory Kit for Fisheye Dome	AVO-FE-ACC-KIT
Install Accessory Kit for Fisheye In-Ceiling	MSI-FE-DC-KIT
NPT Adapter For Fisheye Dome	H5A-FE-MT-NPTA1
Ceiling Panel for Fisheye In-Ceiling	WLMT-1021
Pendant wall mount, compatible with H5A-FE-MT-NPTA1	PPLMT-1001
Polemount, compatible with WLMT-1021	CRNMT-1001
Camera license to enable FIPS Level 1 cryptographic mode on any H5A camera	CAM-FIPS

H6A Dual Head Cameras

DESCRIPTION	PART NUMBER
Pendant NPT Adapter	NPTA-1201
Pendant wall arm, 1.5" NPT female, 20 cm (7.8") long	WLMT-1021
Optional junction box mounting adapter	JBOX - 1201
Weathershield for dual head cameras	DMSLD-1201
Pole mount adapter	PLMT-1001
Corner mount adapter	CRNMT-1001
Camera Gunshot Audio Analytics Channel, one per camera	CAM-AA-GUNSHOT2
Camera Gunshot Audio Analytics Channel, 180 day demo license. Contact Technical Support	CAM-AA-GUNSHOT2-180D
USB WiFi Adapter (North America)	USB-AC56-NA-MSI
USB WiFi Adapter (Europe)	USB-AC56-EU-MSI

Unity H6SL Cameras

DESCRIPTION	PART NUMBER
Wall Mount Arm for 1.5" NPT Pendant	WLMT-1021
Pole Mount Adapter for WLMT-1021 and H6SL Bullet Camera	PLMT-1001
Corner Mount for WLMT-1021 and H6SL Bullet Camera	CRNMT-1001
USB WiFi Adapter Install Kit (North America)	USB-AC56-NA-MSI
USB WiFi Adapter Install Kit (Europe)	USB-AC56-EU-MSI
In-ceiling mounting adapter for H6SL Dome	SLSPCIL-1001
Pendant NPT adapter for H6SL Dome	H6SL-MT-NPTA1
Metal ceiling panel for suspended ceiling installations	DCLPNL-1001
Weather shield for H6SL Dome	H6SL-DO-SHLD1
Microphone accessory for Indoor H6SL Dome	ACMICR-1001
Clear lower dome for H6SL Outdoor Dome	H6SL-DD-CLER1
Smoked lower dome for H6SL Outdoor Dome	H6SL-DD-SMOK1
Clear lower dome for H6SL Indoor Dome	H6SL-DI-CLER1
Smoked lower dome for H6SL Indoor Dome	H6SL-DI-SMOK1
Adapter 3/4 inch conduit for H6SL Dome, 5-pack	CNCVR-1001

Outdoor H6 Mini Dome Cameras

DESCRIPTION	PART NUMBER
MOUNT, Pendant Adapter, Grey, Outdoor, H6M	H6M-MT-NPTA2
ADAPTOR, 1-1/2" x 1/2" NPT Male	MSI-NPTCON-1001
COVER, Replacement, Clear, Grey, Outdoor, Mini	MSI-LD-1E
COVER, Replacement, 50% Smoke, Grey, Outdoor, Mini	MSI-LD-0E
WMOUNT, Side Conduit, Outdoor, Mini	MSI-MT-ECLR



Unity Camera Accessories

Indoor H6 Mini Dome Cameras

DESCRIPTION	PART NUMBER
Pack of 5 black surface mount bezels	H6M-BZL1-BL
Pack of 5 grey surface mount bezels	H6M-BZL1-GRY
Grey in-ceiling mount adapter	H6M-MT-DCIL1
Black in-ceiling mount adapter	H6M-MT-DCIL1-BL
Grey pendant mount adapter	H6M-MT-NPTA1
Black pendant mount adapter	H6M-MT-NPTA1-BL

H5 Pro Cameras

DESCRIPTION	PART NUMBER
IP66-rated large housing w/ heater and wall arm	ES-HD-HWS-LG
Large housing w/ cooling fan and wall arm	ES-HD-CWS-LG
IP66-rated extra large housing w/ heater. Wall arm sold separately.	ES-HD-HS-XL
PoE+ input power module kit for ES-HDHWS-LG and ES-HD-CWS-LG camera enclosures	ES-HD-IPM

H5 Pro Camera Lens Options

DESCRIPTION	PART NUMBER
Sigma 28mm f/1.4	LEF2814SI
Tamron 35mm f/1.4	LEF3514TA
Sigma 50mm f/1.4	LEF5014SI
Canon 16-35mm f/2.8	LEF163528CA2
Sigma 18-35mm f/1.8	LEFS183518SI
Tamron 24-70mm f/2.8 VC	LEF247028TA2
Tamron 70-200mm f/2.8 VC	LEF7020028TA
Tamron 150-600mm f/5-6.3 VC	LEF1506005TA

H5A Corner Cameras

DESCRIPTION	PART NUMBER
Conduit gang box, powder coated aluminum die-cast, white (accepts 12.7 mm/0.5" or 19.05 mm/0.75" conduit pipe)	CNBX-1001
USB Wi-Fi adapter	USB-AC56-NA-MSI / USB-AC56-EU-MSI
3.5 mm jack with 1.8 m fly wire	CM-AC-AVI01
Replacement faceplate for stainless steel corner camera models	CR-FFKIT-SS
Replacement faceplate for white steel corner camera models	CR-FFKIT-WHT

Unity H5A Multisensor Cameras

DESCRIPTION	PART NUMBER
Outdoor surface mount adapter, must order either a H5AMH-DO-COVR1 or H5AMH-DO-COVR1-SMOKE	H5AMH-AD-DOME1
Outdoor pendant mount adapter, must order one of WLMT-1001 or NPTA-1001 and one of H5AMH-DO-COVR1 or H5AMH-DO-COVR1-SMOKE	H5AMH-AD-PEND1
In-ceiling adapter, must order either a H5AMH-DC-COVR1 or H5AMH-DC-COVR1-SMOKE	H5AMH-AD-CEIL1
Dome bubble and cover, for outdoor surface mount or pendant mount, clear	H5AMH-DO-COVR1
Dome bubble and cover, for outdoor surface mount or pendant mount, smoked. Not recommended for low light applications	H5AMH-DO-COVR1-SMOKE
Dome bubble and cover, for in-ceiling mount, clear	H5AMH-DC-COVR1
Dome bubble and cover, for in-ceiling mount, smoked. Not recommended for low light applications	H5AMH-DC-COVR1-SMOKE
Pendant wall arm adapter, for use with H5AMH-AD-PEND1	WLMT-1001
Pendant NPT adapter for use with H5AMH-AD-PEND1	NPTA-1001
Aluminum pole mounting bracket, compatible with WLMT-1001	PLMT-1001
Aluminum corner mounting bracket, compatible with WLMT-1001	CRNMT-1001
Metal ceiling panel	CPNL-1001
Optional IR illuminator ring, for use with H5AMH-DO-COVR1	H4AMH-AD-IRIL1
Indoor single port PoE+ 30W injector. Injector operational temperature range -20 °C to +40 °C (-4 °F to 104 °F)	PD-9001 GR/AT/AC-*-MSI
Gigabit 802.3bt 60 W PoE Injector, single port.	POE60U-1BTE
USB Wi-Fi adapter	USB-AC56-NA-MSI / USB-AC56-EU-MSI
Cable kit replacement for Multi Head cameras	CBLKT-1001
Camera license to enable FIPS cryptographic mode on the H5A Multisensor or any H5A camera	CAM-FIPS

H5A Modular Cameras

DESCRIPTION	PART NUMBER
2 m (6 ft) HD BNC Cable for H5A Modular Camera Imager	CBL2M-1001
5 m (16 ft) HD BNC Cable for H5A Modular Camera Imager	CBL5M-1001
Din rail mount for H5A Modular Camera Main Unit	BRKTMD-1001
Replacement L Bracket for H5A Modular Micro Bullet Imager	BRKTMD-1011
Replacement Flat Bracket for H5A Modular Right Angle Imager	BRKTMD-1021
Replacement Trim Ring Bracket for H5A Modular Micro Bullet Imager	BRKTMD-1031



Unity Camera Accessories

H5A PTZ Cameras

DESCRIPTION	PART NUMBER
NPT Pendant Adapter	IRPTZ-MNT-NPTA1
Wall Arm Mount	IRPTZ-MNT-WALL1
Pole Mounting Bracket, compatible with IRPTZ-MNT-WALL1	H4-MT-POLE1
Corner Mounting Bracket, compatible with IRPTZ-MNT-WALL1	CRNMT-1001
Corner Mounting Bracket	H4-MT-CRNR1
Metal Ceiling Panel for In-Ceiling Installation	PTZMH-DC-CPNL1
Clear Bubble Assembly - Replacement	PTZH5A-CLER1
Smoked Bubble Assembly - Replacement	PTZH5A-SMOK1
Gigabit 802.3bt 60W PoE Injector, single port.	POE-INJ-BT-60W-NA
30W PoE+ Injector. Injector operational temperature range is -20°C (-4°F) to 40°C (104°F). NA/EU/UK/AU options available.	POE-INJ2-PLUS-NA
H4 In-Ceiling PTZ audio retrofit kit	PTZ-ACCS-IC-RETRO
Cable gland nut kit, pack of 10	H5PTZ-ACCS-CABL1

H5A IR PTZ Cameras

DESCRIPTION	PART NUMBER
NPT Pendant Adapter	NPTA-1001
Wall Arm Mount	WLMT-1001
Pole Mounting Bracket	PLMT-1001
Corner Mounting Bracket	CRNMT-1001
Gigabit 802.3bt 90 W PoE Injector, single port	POE90U-1BT
Cable gland nut kit, pack of 10	H5PTZ-ACC-CABL1

H5A Thermal Cameras

DESCRIPTION	PART NUMBER
Pole Mount for H5A Thermal Camera, compatible with WLMT-1001	PLMT-1001
Corner Mount for H5A Thermal Camera, compatible with WLMT-1001	CRNMT-1001
USB WiFi Adapter Install Kit (North America)	USB-AC56-NA-MSI
USB WiFi Adapter Install Kit (Europe)	USB-AC56-EU-MSI

H5M Cameras

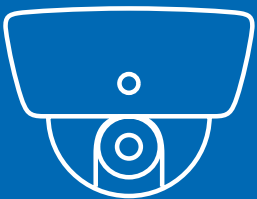
Description	Part Number
In-ceiling mount	H5M-MT-DCIL1
Package of 4 camera shroud replacement parts	H5M-DO-BZL1

H4 Video Intercom

DESCRIPTION	PART NUMBER
Safety Relay for H4 Video Intercom	H4VI-AC-RELY1
Surface mount adapter for H4 Video Intercom	H4VI-MT-SURF1
Replacement dome cover for the H4VI camera, package of 5	H4VI-RO-CVER1

L6A Cameras

DESCRIPTION	PART NUMBER
Pole mount adaptor	PLMT-1001
L6A sunshade replacement	VS-L6A-SHADE
Corner mounting bracket	CRNMT-1001



Alta Cameras

The Avigilon Alta cloud-native video security system is open, flexible and future-proof. Combine smart cameras with the intuitive AI-powered Alta Video cloud platform for enhanced security and awareness anywhere, anytime. With the widest range of cloud camera options on the market, choose from audio capabilities, sensors, and vandal- and weather-resistant models to create your deployment.



Alta H6A PTZ Cameras

Cover large areas, proactively detect incidents and capture fast-moving objects with this powerful indoor and outdoor PTZ.



Specifications

MODEL NAME	INDOOR IN-CEILING	INDOOR/OUTDOOR PENDANT
PART NUMBERS	2.0C-H6A-PTZ-DC30-30 2.0C-H6A-PTZ-DC30-60 2.0C-H6A-PTZ-DC30-120 2.0C-H6A-PTZ-DC30-365 4.0C-H6A-PTZ-DC30-30 4.0C-H6A-PTZ-DC30-60 4.0C-H6A-PTZ-DC30-120 4.0C-H6A-PTZ-DC30-365	2.0C-H6A-PTZ-DP30-30 2.0C-H6A-PTZ-DP30-60 2.0C-H6A-PTZ-DP30-120 2.0C-H6A-PTZ-DP30-365 4.0C-H6A-PTZ-DP30-30 4.0C-H6A-PTZ-DP30-60 4.0C-H6A-PTZ-DP30-120 4.0C-H6A-PTZ-DP30-365
Resolution (MP)	2 MP / 4 MP	
Image Sensor	1/1.8" progressive scan CMOS	
Max. Dynamic Range (dB)	122 dB	
Max. Image Rate (50 Hz/60 Hz)	2 MP: 50 fps/60 fps 4 MP: 25 fps/30 fps	
Environmental	IK09	IK09/10 IP66/67 NEMA Type 4X NEMA TS2
LENS	6.5 MM TO 162.5 MM, F/1.6 – F/4.8	
Angle of View (Horizontal x Vertical), Wide	58.1 x 34.8	
Angle of View (Horizontal x Vertical), Tele	2.3 x 1.4	
Zoom	30x Enhanced Optical	
Lens Control	Remote Zoom and Focus, Autofocus, Auto Iris	

Key features

- 360-degree PTZ views
- Up to 30x zoom
- 2 and 4 MP resolutions
- AI-powered analytics
- Wide Dynamic Range support

Learn more



Audio, power & storage

Audio Compression Method	Opus, G.711 PCM 8 kHz
Audio Input/Output	Full Duplex Line level input and output
External I/O Terminals	3x Alarm In (3.5VDC/3.5mA MAX), 1x NO Relay Out (32VDC/150mA MAX), 1x Digital Out (13VDC MAX), 1x 12VDC source (11~13VDC/140 mA MAX)
External Power Source	Aux 24 VDC/VAC +/- 10%
PoE Power Source	In-ceiling: <ul style="list-style-type: none"> IEEE 802.3 at Type 2, Class 4 compliant Pendant: <ul style="list-style-type: none"> IEEE 802.3at Type 2, Class 4 compliant IEEE 802.3bt Type 3, Class 6 compliant IEEE 802.3bt Type 4, Class 8 compliant



Alta H6 Mini Dome Cameras

Protect indoor and outdoor spaces with this compact yet mighty camera that combines high-quality images of up to 5 MP, a wide field of view and efficient bandwidth management in a compact design.



Specifications

MODEL NAME	INDOOR MINI DOME		OUTDOOR MINI DOME	
PART NUMBERS	2.0C-H6M-D1-30	5.0C-H6M-D1-30	2.0C-H6M-DO1-IR-30	
	2.0C-H6M-D1-60	5.0C-H6M-D1-60	2.0C-H6M-DO1-IR-60	
	2.0C-H6M-D1-120	5.0C-H6M-D1-120	2.0C-H6M-DO1-IR-120	
	2.0C-H6M-D1-365	5.0C-H6M-D1-120	2.0C-H6M-DO1-IR-365	
	2.0C-H6M-D1-IR-30	5.0C-H6M-D2-IR-30	5.0C-H6M-DO1-IR-30	
	2.0C-H6M-D1-IR-60	5.0C-H6M-D2-IR-60	5.0C-H6M-DO1-IR-60	
	2.0C-H6M-D1-IR-120	5.0C-H6M-D2-IR-120	5.0C-H6M-DO1-IR-120	
	2.0C-H6M-D1-IR-365			
Resolution	2 MP 5 MP		2 MP 5 MP	
Image Sensor	1/2.8 " Progressive Scan CMOS			
Max. Dynamic Range (dB)	WDR Off: 100 dB WDR On: 120 dB		WDR Off: 83 dB WDR On: Up to 120dB	
Max. frame rate (50 Hz/60 Hz)	(50 Hz/60 Hz): 15 fps			
Environmental	N/A		IEC 60529 IP66, IP67, IEC/EN 62262 IK10	
LENS	INDOOR MINI DOME		OUTDOOR MINI DOME	
	2 MP	5 MP	2 MP	5 MP
Focal length	2.95 mm fixed	D1: 2.95 mm fixed D2: 2.4 mm fixed	2.99mm fixed	
Angle of View (Horizontal x Vertical), Wide	(16:9) 108° x 61°	D1: (4:3) 100° x 75° (16:9) 100° x 54° D2: (4:3) 123° x 93° (16:9) 123° x 69°	(16:9) 108° x 61°	(4:3) 101° x 75° (16:9) 100° x 54°

Key features

- Indoor and outdoor models
- Wide field of view
- Built in IR illumination
- AI-powered analytics
- Wide Dynamic Range support

Learn more



Audio, power & storage

Audio Input/Output	N/A	
External I/O Terminals	N/A	
Power Consumption	6 W	10 W
PoE Power Source	IEEE 802.3af Class 2 compliant	IEEE 802.3af Class 3 compliant



Avigilon Flex Camera (formerly Ava Flex cameras)

The AI-powered, cloud-native Avigilon Flex wireless camera provides smart, enterprise physical security features in an affordable, easy-to-install package to provide security to small business, retail stores, and other distributed businesses.



Specifications

MODEL NAME		AVIGILON FLEX CAMERA
PART NUMBERS		FLEX-2MP-7
Resolution (MP)		2 MP
Image Sensor		1/2.7"
Night Vision		Color night vision, Adaptive white light
Minimum Illumination in Color Mode		<0.1lux
Max. Resolution and Frame Rate		1920x1080, 30fps
Dynamic Range		Multi-exposure line-based HDR
Environmental Sensors		Temperature and humidity
Sensor Accuracy		Temperature: ±2.5°C (±4.5°F) Humidity: ±5%
Security		Trusted Platform Module, Factory-installed certificates, No default passwords, Mandatory access authentication, HTTPS/TLS encryption
Physical Characteristics		With Ball joint mount: 80 x 80 x 96 mm, 202 g Camera: 80 x 80 x 38 mm, 142 g

LENS		
3.3mm,	Horizontal Field of View	110°
f/1.1, Fixed focus	Vertical Angle of View	58°

Key features

- Versatile, lightweight and fit for discreet indoor locations
- Wi-Fi and PoE for flexible deployments
- Fixed lens camera with color night vision
- Insights from integrated environmental sensors
- Built-in AI video and audio analytics
- On-board storage and processing

Learn more



Audio, power & storage

Audio	Microphone
Power Source	PoE 802.3af or USB-C 1.5A
Power Consumption	Typical: 3.5W Max: 6W
Networking Protocols	IPv4, HTTPS, TLS, DNS, mDNS, DNS-SD, NTP, RTSP, RTP, RTCP, ICMP, DHCP, ARP Streaming: RTP/UDP, RTP/RTSP/HTTPS/TCP
Connection	802.3u 10/100 Ethernet USB-C for preview and setup
Onboard Storage	MicroSD SDXC High Speed



Alta A5 Dome Cameras (formerly Ava Dome cameras)

The AI-powered, cloud-native Avigilon Alta A5 Dome camera is versatile, robust, and easy to install and manage, providing crisp, clear images to help you stay on top of what matters.



Specifications

MODEL NAME	ALTA A5 DOME CAMERA			
PART NUMBERS	DOME-W-4K-30 DOME-B-4K-30 DOME-W-4K-60 DOME-B-4K-60	DOME-W DOME-B	DOME-W-5MP-30 DOME-B-5MP-30 DOME-W-5MP-60 DOME-B-5MP-60 DOME-W-5MP-120 DOME-B-5MP-120	DOME-W-5MP DOME-B-5MP
On-board Storage	30 or 60 days	None. Cloud Connector required.	30, 60 or 120 days	None. Cloud Connector required.
Color Options	White or Black			
Resolution (MP)	4K		5 MP	
Image Sensor	8 MP (4K)			
IR Night Vision	Automatic Night Mode, IR-cut filter, 30M IR Range, 850 nm IR LED			
Minimum Illumination in Color Mode	0.15lux			
Max. Resolution and Frame Rate	3840x2160@30fps		3072x1728@30fps	
Dynamic Range	Multi-exposure line-based HDR			
Environmental	IP66 Weather Rating, IK10 Impact Rating			
Security	Trusted Platform Module, Factory-installed certificates, No default passwords, Mandatory access authentications, HTTPS/TLS encryption			
Physical Characteristics	Dimensions: 152x152x96mm Weight: 1.2 kg Body: Aluminum			
LENS	3.6-10mm, f/1.5-f/2.8, P-Iris			
Horizontal Field of View	100° - 45°			
Vertical Angle of View	53° - 25°			

Key features

- Easy installation, configuration, and management
- Cloud-native deployment
- AI video analytics
- Audio analytics and acoustic sensor
- 4K Image Sensor
- On-board storage¹ and processing

Learn more



Audio, power & networking

Audio	Microphone Array (4x microphones) Audio source localization
Power Source	PoE+ (802.3at Type 2)
Power Consumption	Typical: 5W Max without heater: 13W Max with heater: 23W
Networking Protocols	IPv4, HTTPS, TLS, DNS, mDNS, DNS-SD, NTP, RTSP, RTP, RTCP, ICMP, DHCP, ARP Streaming: RTP/UDP, RTP/RTSP/HTTPS/TCP
Connection	802.3ab 10/100/1000 Gigabit Ethernet USB-C for preview and setup

¹ Available on most models



Alta A5 Bullet Cameras (formerly Ava Bullet cameras)

The AI-powered, cloud-native Avigilon Alta A5 Bullet camera is rugged, vandal-resistant, and provides crisp, clear images from any indoor or outdoor location.



Specifications

MODEL NAME	ALTA A5 BULLET (WIDE)		ALTA A5 BULLET (TELEPHOTO)	
	BULLET-WI-W-4K-X	BULLET-WI-W	BULLET-TE-W-4K-X	BULLET-TE-W
PART NUMBERS	BULLET-WI-B-4K-X	BULLET-WI-B	BULLET-TE-B-4K-X	BULLET-TE-B
	BULLET-WI-W-5MP-X	BULLET-WI-W-5MP	BULLET-TE-W-5MP-X	BULLET-TE-W-5MP
	BULLET-WI-B-5MP-X	BULLET-WI-B-5MP	BULLET-TE-B-5MP-X	BULLET-TE-B-5MP
On-board Storage (X)	X = 30, 60, or 120 ¹ days		None. Cloud Connector required.	X = 30, 60, or 120 ¹ days
Color	White or Black			
Resolution (MP)	5 MP 4K			
Image Sensor	1/1.8"			
IR Night Vision	Automatic Night Mode, IR-cut filter, 850 nm IR LED			
Minimum Illumination in Color Mode	4K: 3840x2160@30fps 5 MP: 3072x1728@30fps			
Dynamic Range	Multi-exposure line-based HDR			
Environmental	IK10 Impact Resistance, IP66 Ingress Protection			
Security	Trusted Platform Module, Factory-installed certificates, No default passwords, Mandatory access authentication, HTTPS/TLS encryption			
Physical Characteristics	Dimensions: 284x86x108 Weight: 1.33 kg			
LENS	Wide		Telephoto	
Lens	4.3-10.8mm, f/1.38-f/2.8			
Zoom	2.5 x			
Field of View	100° - 40° Horizontal 53° - 23° Vertical		39° - 16° Horizontal 23° - 9° Vertical	

Key features



Available in wide and telephoto lenses



Simple to install



Cloud-native deployment



Dynamic resolution up to 4K



AI video and audio analytics



On-board storage² and processing

Learn more



Audio, power & networking

Audio	Microphone Array (4x microphones) Audio source localization
Power Source	PoE+ (802.3at Type 2), normal operation PoE (802.3 af), without heat and IR USB-C, installation only
Power Consumption	Typical: 5 W Max without heater, with IR: 13 W Max with heater: 23 W
Networking Protocols	IPv4, HTTPS, TLS, DNS, mDNS, DNS-SD, NTP, RTSP, RTP, RTCP, ICMP, DHCP, ARP Streaming: RTP/UDP, RTP/RTSP/HTTPS/TCP
Connection	802.3u 10/100 Ethernet USB-C for preview and setup

¹ 120 day storage options only available on 5MP models

² Available on most models



Alta A5 360 Cameras (formerly Ava 360 cameras)

The AI-powered, cloud-native Avigilon Alta A5 360 camera is ideal for locations that require visibility in all areas. Whether indoors or outdoors, the Alta A5 360 provides high resolution coverage of a wide area, even in challenging environments and with low light.



Specifications

MODEL NAME	ALTA A5 360 CAMERA	
PART NUMBERS	360-W-30 360-B-30 360-W-60 360-B-60	360-W 360-B
On-board Storage	30 or 60 days	None. Cloud Connector required.
Color	White or Black	
Image Sensor	12 MP, 1/2.3"	
Effective Resolution (MP)	9 MP	
Field of View	> 180°	
IR Night Vision	Automatic Night Mode, IR-cut filter, 20m IR Range, 850 nm IR LED	
Minimum Illumination in Color Mode	0.4lux	
Max. Resolution and Frame Rate	3008x3008@30fps	
Dynamic Range	Multi-exposure line-based HDR	
Environmental	IP66 Ingress Protection, IK10 Impact Resistance	
Security	Trusted Platform Module, Factory-installed certificates, No default passwords, Mandatory access authentication, HTTPS/TLS encryption	
Physical Characteristics	Dimensions: 152x152x77mm Weight: 1.1 kg Body: Aluminum	

Key features

- 360° fisheye panoramic with IR
- Easy installation, configuration, and management
- Cloud-native deployment
- AI video analytics
- 12 MP image sensor
- On-board storage¹ and processing

Learn more



Audio, power & networking

Audio	Microphone array (4x microphones)
Power Source	PoE+ (802.3at Type 2) For installation only: USB-C (1.5A mode)
Power Consumption	Typical: 5 W Max without heater: 13 W Max with heater: 23 W
Networking Protocols	IPv4, HTTPS, TLS, DNS, mDNS, DNS-SD, NTP, RTSP, RTP, RTCP, ICMP, DHCP, ARP Streaming: RTP/UDP, RTP/RTSP/HTTPS/TCP
Connection	802.3ab 10/100/1000 Gigabit Ethernet USB-C for preview and setup

¹ Available on most models



Alta H6SL Cameras

Protect people and property effortlessly with this cloud-native, versatile, analytics-enabled camera line that can fit into an extensive range of indoor and outdoor applications.

Specifications



MODEL NAME	INDOOR DOME		OUTDOOR DOME	BULLET	
	NON-IR	IR		WIDE	TELEPHOTO
PART NUMBERS	2.0C-H6SL-D1-X 3.0C-H6SL-D1-X 5.0C-H6SL-D1-X	2.0C-H6SL-D1-IR-X 3.0C-H6SL-D1-IR-X 5.0C-H6SL-D1-IR-X	2.0C-H6SL-DO1-IR-X 3.0C-H6SL-DO1-IR-X 5.0C-H6SL-DO1-IR-X	2.0C-H6SL01-IR-X 3.0C-H6SL01-IR-X 5.0C-H6SL01-IR-X	3.0C-H6SL02-IR-X 5.0C-H6SL02-IR-X

On-board Storage (X)	X = 30, 60, 120 or 365 ¹ days, depending on configuration				
Resolution	2 MP, 3 MP, 5 MP			3 MP, 5 MP	
Image Sensor	1/2.8" progressive scan CMOS				
Dynamic Range HDR OFF	83 dB				
Dynamic Range HDR ON	2MP = 126 dB, 3 MP/5MP = 130 dB				
Max. Image Rate	30 fps				
Environmental	IK10		IK10, IP66/67, Type 4X		

LENS & IR ILLUMINATION	3.4-10.5 MM LENS (DOME AND WIDE BULLET)		10.9-29 MM LENS (TELEPHOTO BULLET ONLY)
	Max. IR Illumination Distance (high power 850 nm LEDs)	Dome	30 m (100 ft), full tele 20 m (65 ft), full wide
Bullet 2 MP		50 m (164 ft), full tele 30 m (100 ft), full wide	N/A
Bullet 3 MP, 5 MP		40 m (131 ft), full tele 20 m (65 ft), full wide	70 m (230 ft), full tele 30 m (100 ft), full wide
Min. Illumination (at 33 ms shutter speed)	2 MP	With IR: 0 lux in mono mode Without IR: 0.01 lux in color mode; 0.005 lux in mono mode	N/A
	3 MP 5 MP	With IR: 0 lux in mono mode Without IR: 0.04 lux in color mode; 0.02 lux in mono mode	
Horizontal Field of View (H) & Vertical Field of View (V)	2 MP	101° - 31° (H), 53° - 17° (V)	N/A
	3 MP 5 MP	95° - 28° (H), 69° - 21° (V)	28° - 10° (H), 21° - 7° (V)

Key features

- AI video analytics
- High Dynamic Range
- IR Illumination (optional on Indoor Dome)
- Cloud-native deployment
- On-board storage and processing
- Rated IK10 for vandal resistance on all models
- Rated IP66/67 and NEMA 250 Type 4X for water, dust and corrosion resistance (outdoor models only)

Learn more



Audio & power

Audio Compression Method	G.711 PCM 8 kHz, Opus
Audio Input/Output	Line level input and output
External I/O Terminals	Alarm In, Alarm Out
Microphone	Optional microphone accessory sold separately (Indoor Dome model only)
PoE Power Source	IEEE 802.3af Class 3 compliant, 12VDC Aux (Bullet only)

¹ 365 day storage only available on 2 MP models



Alta H5A Multisensor Cameras

The Alta H5A Multisensor combines all-around visibility, image quality and ease-of-use to secure any area over the cloud. With 3 or 4 sensors and up to a 360° field of view, you can see around corners, through intersections or across parking lots with a single camera.

Specifications



MODEL NAME	H5A MULTISENSOR, 3-SENSORS		H5A MULTISENSOR, 4-SENSORS	
PART NUMBERS ¹	9C-H5A-3MH-30	15C-H5A-3MH-60	12C-H5A-4MH-30	20C-H5A-4MH-60
	9C-H5A-3MH-60	15C-H5A-3MH-120	12C-H5A-4MH-60	32C-H5A-4MH-30
	9C-H5A-3MH-120	24C-H5A-3MH-30	20C-H5A-4MH-30	
	15C-H5A-3MH-30	24C-H5A-3MH-60		
On-board Storage	30, 60, or 120 days, depending on configuration		30 or 60 days, depending on configuration	
Resolution	3 x 3 MP 3 x 5 MP 3 x 8 MP		4 x 3 MP 4 x 5 MP 4 x 8 MP	
Image Sensor	1/2.8" progressive scan CMOS			
Max. Dynamic Range (dB)	HDR On: 120 dB, true HDR, dual exposure HDR Off: 80 dB			
Max. Image Rate (60 Hz / 50 Hz)	3 MP : 30/25 fps 5 MP : 24/25 fps 8 MP : 17/16 fps			
Max. IR Illumination Distance ¹ (high power 850 nm LED)	30 m (98 ft) maximum distance at 0 lux when camera is mounted at 4 m (13 ft) off the ground			
Environmental	IP66 and IP67 Weather Rating, NEMA 4X Enclosure Rating, IK10 Impact Rating			
LENS & IR ILLUMINATION	3.0 MP	5.0 MP	4k (8.0 MP)	
Focal Length	3.3-5.7mm			
Horizontal FoV based on Aspect Ratio	53°-99° (4:3)		58°-106° (16:9)	
Vertical FoV based on aspect ratio	39°-69° (4:3)		32°-55° (16:9)	
Aperture Range	F1 - F1.9			
Control	Fixed Iris, Remote Focus and Zoom			

Key features

- AI video analytics
- High Dynamic Range
- IR Illumination (optional)
- Cloud-native deployment
- On-board storage and processing
- IK10-rated for vandal resistance
- IP66/67, NEMA Type 3X and TS2 ratings protect against impact, water, windblown dust and a degree of corrosion

Learn more



Audio, Power & Networking

Audio Compression Method	G.711 PCM 8 kHz, Opus	
Audio Input/Output	Line level input and output	
External I/O Terminals ²	Alarm In, Alarm Out	
External Power	24 VDC ± 10 %; 24 VAC rms ± 10 %, 50 or 60 Hz	
PoE Power Source	In-Ceiling	30 W IEEE 802.3at Type 2 (PoE+)
	Surface Mount and Pendant Mount	With IR: 60 W (PoE++): IEEE 802.3bt Type 3, Cisco® UPoE or legacy high-power PoE Up to 35% IR Power or without IR: 30 W IEEE 802.3at Type 2 (PoE+)
	Onboard Storage	microSD/microSDHC/microSDXC slot – class 10/ UHS-1 or better recommended

¹ IR intensity is based on the supplied PoE power

² Not currently supported



Alta H5A Modular Cameras

The Alta H5A Modular camera is our smallest, most flexible camera, designed to provide visibility and security in the most challenging spaces.



Specifications: Imager Modules

MODEL NAME	RIGHT ANGLE IMAGER MODULE	MICRO BULLET IMAGER MODULE	
PART NUMBERS	3C-H5MOD-RP4	3C-H5MOD-MB2	5C-H5MOD-MB3
Resolution (MP)	3.0 MP	3.0 MP	5.0 MP
Image Sensor	1/2.7" Progressive Scan		
Max. Dynamic Range (dB)	WDR Off: 82 dB; WDR On: 120 dB		
Max. Image Rate	WDR Off: 25 fps/30 fps; WDR On: 20 fps/20 fps		
Operating Temperature	-30 °C to +60 °C (-22 °F to 140 °F)		
Environmental	N/A	IP66 Rating	
Lens	3.7 mm fixed pinhole aperture	2.8 mm fixed	
Horizontal Angle of View (HFOV)	92°	110°	
Vertical Angle of View (VFOV)	53°	80°	
Min. Illumination	0.1 lux		



Specifications: Main Unit

MODEL NAME	MODULAR BASE UNIT, 1 LENS SUPPORT	MODULAR BASE UNIT, 2 LENS SUPPORT
PART NUMBERS	H5A-MOD-2P-1-30 H5A-MOD-2P-1-60 H5A-MOD-2P-1-120 H5A-MOD-2P-1-365	H5A-MOD-2P-2-30 H5A-MOD-2P-2-60 H5A-MOD-2P-2-120
Storage	30, 60, 120 or 365 days, depending on configuration	30 or 60 days, depending on configuration
Max Image Rate (Based on combined resolution of imagers in 2 lens model)	(≤ 5 MP) 25 fps/30 fps	(6 MP) 25 fps/24 fps
Max. Dynamic Range	Up to 120 dB	
Operating Temperature	-10 °C to +60 °C (14 °F to 140 °F)	

Key features

- AI video analytics
- Cloud-native deployment
- Highly customizable modular design
- Fast, flexible installation
- On-board storage and processing
- High dynamic range

Learn more



Audio, power & storage

Audio Compression Method	Opus, G.711 PCM 8 kHz
Audio Input/Output	Line level I/O or built-in microphone
External I/O Terminals ¹	Alarm In, Alarm Out
Power Consumption	13 W Max
External Power Source	VDC: 12 V ± 10%, 12 W min; VAC: 24 V ± 10%, 13 VA min
PoE Power Source	IEEE802.3af Class 3 compliant
Onboard Storage	microSD/microSDHC/microSDXC slot – class 10/UHS-1 or better recommended

¹ Based on the H5A-MOD-2P-1-30 main unit, 1 x 3MP imager module and 1 x 2m cable
² Not currently supported



Alta Camera Accessories

H6A PTZ Cameras

DESCRIPTION	PART NUMBER
Mount, Pendant Arm, 30 cm Long, 1.5 NPT	WLMT-1031
Pendant wall arm, 1.5" NPT female, 20 cm (7.8") long	WLMT-1021
Pole mount adapter	PLMT-1001
Corner mount adapter	CRNMT-1001
Indoor single port PoE+ 30W injector. Injector operational temperature range -20 °C to +40 °C (-4 °F to 104 °F). *NA/EU/UK/AU options available.	PD-9001GR/AT/AC-*MSI
Gigabit 802.3bt 60 W PoE Injector	POE60U-1BTE
PoE injector 802.3bt 90W Single Port	POE90U-1BT
Metal Ceiling Panel for In-Ceiling Installations, Grey	PTZ-CPNL-G
Replacement smoked dome, 25% tint	PTZH6A-SMK25
Replacement smoked dome, 50% tint	PTZH6A-SMK50
Replacement clear dome	PTZH6A-CLRBBL

Outdoor H6 Mini Dome Cameras

DESCRIPTION	PART NUMBER
Grey pendant mount adapter	H6M-MT-NPTA1
ADAPTOR, 1-1/2" x 1/2" NPT Male	MSI-NPTCON-1001
COVER, Replacement, Clear, Grey, Outdoor, Mini	MSI-LD-1E
COVER, Replacement, 50% Smoke, Grey, Outdoor, Mini	MSI-LD-0E
WMOUNT, Side Conduit, Outdoor, Mini	MSI-MT-ECLR

Indoor H6 Mini Dome Cameras

DESCRIPTION	PART NUMBER
Pack of 5 black surface mount bezels	H6M-BZL1-BL
Pack of 5 grey surface mount bezels	H6M-BZL1-GRY
Grey in-ceiling mount adapter	H6M-MT-DCIL1
Black in-ceiling mount adapter	H6M-MT-DCIL1-BL
Grey pendant mount adapter	H6M-MT-NPTA1
Black pendant mount adapter	H6M-MT-NPTA1-BL

Avigilon Flex Cameras

DESCRIPTION	PART NUMBER
Avigilon Alta Drop Ceiling Mount	ACC-DRO-CEI
PoE Injector 15W	ACC-POE-15W-US ACC-POE-15W-UK ACC-POE-15W-EU

Alta A5 Dome Camera

DESCRIPTION	PART NUMBER
Avigilon Alta Pendant Mounting Cap	ACC-PEN-CAP-W
Avigilon Alta Wall Mount Arm	ACC-MNT-ARM-W
Avigilon Alta Pendant Head	ACQ-PEN-HEA
Avigilon Alta Pendant Pipe 40cm	ACQ-PEN-PIP
Avigilon Alta Pole Bracket	ACC-POL-BRA-W
Avigilon Alta Corner Bracket	ACC-CRN-BRA-W
Avigilon Alta Conduit Adapter 3/4"	ACC-CON-A34-W

Alta A5 Bullet Camera

DESCRIPTION	PART NUMBER
Avigilon Alta Weather shield	ACC-WEA-SHI-W
Avigilon Alta Conduit back box	ACC-CON-BCK-W
Avigilon Alta Adapter plate	ACC-ADA-PLA-W
Avigilon Alta Pole bracket	ACC-POL-BRA-W
Avigilon Alta Corner bracket	ACC-CRN-BRA-W

Alta A5 360 Camera

DESCRIPTION	PART NUMBER
Avigilon Alta Pendant Mounting Cap	ACC-PEN-CAP-W
Avigilon Alta Wall Mount Arm	ACC-MNT-ARM-W
Avigilon Alta Wall Mount Arm	ACC-MNT-ARM-B
Avigilon Alta Pendant Head	ACQ-PEN-HEA
Avigilon Alta Pendant Pipe 40cm	ACQ-PEN-PIP
Avigilon Alta Pole Bracket	ACC-POL-BRA-W
Avigilon Alta Corner Bracket	ACC-CRN-BRA-W
Avigilon Alta Conduit Adapter 3/4"	ACC-CON-A34-W



Alta Camera Accessories

Alta H6SL Cameras

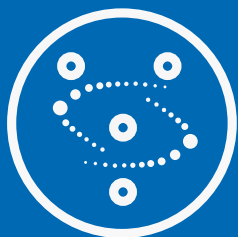
DESCRIPTION	PART NUMBER
Wall Mount Arm for 1.5" NPT Pendant	CM-MT-WALL1
Pole Mount Adapter for CM-MT-WALL1	PLMT-1001
Corner Mount for CM-MT-WALL1	CRNMT-1001
In-ceiling mounting adapter for H6SL Dome	SLSPCIL-1001
Pendant NPT adapter for H6SL Dome	H6SL-MT-NPTA1
Metal ceiling panel for suspended ceiling installations	DCLPNL-1001
Weather shield for H6SL Dome	H6SL-DO-SHLD1
Microphone accessory for Indoor H6SL Dome	ACMICR-1001
Clear lower dome for H6SL Outdoor Dome	H6SL-DD-CLER1
Smoked lower dome for H6SL Outdoor Dome	H6SL-DD-SMOK1
Clear lower dome for H6SL Indoor Dome	H6SL-DI-CLER1
Smoked lower dome for H6SL Indoor Dome	H6SL-DI-SMOK1
Adapter 3/4 inch conduit for H6SL Dome, 5-pack	CNCVR-1001

Alta H5A Modular Cameras

DESCRIPTION	PART NUMBER
2 m (6 ft) HD BNC Cable for H5A Modular Camera Imager	CBL2M-1001
5 m (16 ft) HD BNC Cable for H5A Modular Camera Imager	CBL5M-1001
Din rail mount for H5A Modular Camera Main Unit	BRKTMD-1001
Replacement L Bracket for H5A Modular Micro Bullet Imager	BRKTMD-1011
Replacement Flat Bracket for H5A Modular Right Angle Imager	BRKTMD-1021
Replacement Trim Ring Bracket for H5A Modular Micro Bullet Imager	BRKTMD-1031

Alta H5A Multisensor Cameras

DESCRIPTION	PART NUMBER
Outdoor surface mount adapter, must order either a H5AMH-DO-COVR1 or H5AMH-DO-COVR1-SMOKE	H5AMH-AD-DOME1
Outdoor pendant mount adapter, must order one of WLMT-1001 or NPTA-1001 and one of H5AMH-DO-COVR1 or H5AMH-DO-COVR1-SMOKE	H5AMH-AD-PEND1
In-ceiling adapter, must order either a H5AMH-DC-COVR1 or H5AMH-DC-COVR1-SMOKE	H5AMH-AD-CEIL1
Dome bubble and cover, for outdoor surface mount or pendant mount, clear	H5AMH-DO-COVR1
Dome bubble and cover, for outdoor surface mount or pendant mount, smoked. Not recommended for low light applications	H5AMH-DO-COVR1-SMOKE
Dome bubble and cover, for in-ceiling mount, clear	H5AMH-DC-COVR1
Dome bubble and cover, for in-ceiling mount, smoked. Not recommended for low light applications	H5AMH-DC-COVR1-SMOKE
Pendant wall arm adapter, for use with H5AMH-AD-PEND1	WLMT-1001
Pendant NPT adapter for use with H5AMH-AD-PEND1	NPTA-1001
Aluminum pole mounting bracket, compatible with WLMT-1001	PLMT-1001
Aluminum corner mounting bracket, compatible with WLMT-1001	CRNMT-1001
Metal ceiling panel	CPNL-1001
Optional IR illuminator ring, for use with H5AMH-DO-COVR1	H4AMH-AD-IRIL1
Indoor single port PoE+ 30W injector. Injector operational temperature range -20 °C to +40 °C (-4 °F to 104 °F)	PD-9001 GR/AT/AC-*.MSI
Gigabit 802.3bt 60 W PoE Injector, single port.	POE60U-1BTE
Cable kit replacement for Multi Head cameras	CBLKT-1001



Smart Sensors

When enhancing your security and facility management, a smart sensor provides valuable insights. It detects various events without needing a camera, thus helping to protect individual privacy. These sensors can detect everything from loud noises and chemical changes to the presence of smoke or vaping. You can integrate these smart sensors with your Avigilon Unity Video or Avigilon Alta Video platform for a seamless security experience.



Halo 3C Smart Sensors

Detect vaping and changes in air quality in private spaces, ensuring a safer environment with instant alerts. Leverage the power of Halo Cloud to give your teams comprehensive insight into safety, security and air quality data to help improve safety and operational efficiency.



Specifications

MODEL NAME	HALO 3C SMART SENSOR
PART NUMBER	HALO-V3.00C
HALO CLOUD PART NUMBERS	HALO-CLOUD-(1/3/5/10)YR
Dimensions	119mm x 62mm; 4.7" x 2.44"
Weight	0.365 kgs; 0.8 lbs
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F)
Alarm Triggers	Air Quality Index (AQI), Health Index, Vape, Vape THC, Aggression, Gunshot, Spoken Keyword, Tamper, Particulates, Carbon Dioxide Calibrated, Total Volatile Organic Compounds, Carbon Monoxide, Temperature/Humidity, Light Level, Sound Levels, Motion Detection
Environmental	IK08
Ethernet Port	RJ-45 port out available to power downstream device

Halo 3C Smart Sensor accessories

DESCRIPTION	PART NUMBER
Back box for the HALO3C. Required anytime there is a wire mold or conduit connection to the HALO.	HALO-V3.00C-BACKBOX

Key features

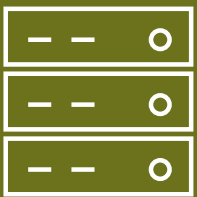
- All-in-one intelligent device
- 2 in 1 cable installation
- LED emergency notifications
- Real-time alerts
- Easy to install
- Integrate with Avigilon Unity & Alta Video

Learn more



Audio, power & storage

Audio	MEMS Microphones (2) [Audio Analysis Only] No Recording of Live Stream
Speaker	Alarm Condition, Pre-Recorded Files, Programmable WAV Files
Relays/Outputs	1, Normally Closed, 48VDC at 1 amp
Power	PoE (IEEE802.3af Class 3 Compliance) 11W



Video Infrastructure

Whether you need a couple of cameras to monitor a storefront or thousands of cameras to secure a large campus, using a complete Avigilon solution helps take the risk out of deployment and maintenance. Avigilon Network Video Recorders (NVRs), appliances and cloud connectors are pre-configured for enhanced system performance and can save you time during deployment.



AI NVR 2

Enhance your video security infrastructure with robust analytics for Avigilon and third-party cameras using the second-generation Artificial Intelligence Network Video Recorder (AI NVR 2). Suitable for enterprise sites of any size and retention policy, the AI NVR 2 expands on the capabilities of its predecessors, offering up to 440 TB of storage for up to 400 cameras for recording and 220 cameras for Appearance Search.

Specifications



MODEL NAME	PREMIUM PLUS Form H	PREMIUM Form D	STANDARD Form D	VALUE Form D
Part Number	AINVR2-PRM-PLUS-FORM-H- C TB	AINVR2-PRM-FORM-D- C TB	AINVR2-STD-FORM-D- C TB	AINVR2-VAL- C TB
Storage capacity C	200 240 280 360 440 TB	72 96 120 160 200 TB	16 24 32 48 64 TB	6 12 16 24 TB
OS	Avigilon Hardened OS			
Out-of-band management	iLO Advanced	iDRAC 9 Enterprise		iDRAC 9 Express
Support	5YR, 4HR, Mission critical	5YR, 4HR, Mission critical	5YR Next business day	3YR Next business day
Networking	4x1G & 4x10G SFP+	6x1G & 4x10G SFP+	6x1G	2x1G
Recording rate ¹	300 to 400 ch @ 2000 to 2700 Mbps	200 ch @ 1500 Mbps	130 ch @ 900 Mbps	48 to 80 ch @ 312 to 520 Mbps
Live stream rate ¹	300 to 400 ch @ 2000 to 2700 Mbps	600 ch @ 1500 Mbps	600 ch @ 800 Mbps	48 to 80 ch @ 312 to 520 Mbps
Playback rate ¹	80 to 100 ch @ 600 to 680 Mbps	80 ch @ 600 Mbps	80 ch @ up to 600 Mbps	20 to 40 ch @ 130 to 260 Mbps
Redundancy	RAID60		RAID6	RAID5

Camera & analytics support

MODEL	ANALYTICS KIT	ANALYTICS CAMERAS ²		NON-ANALYTIC CAMERAS ²					NUMBER OF LPR LANES ³							
		AS ONLY ⁴	FR + AS ⁶	COD ONLY ⁴	COD + AS ⁶	COD + AS + FR ⁵	COD + AS ⁵ + VFD ⁶	COD + AS ⁵ + VFD ⁶ + FR	DEFAULT MODE				PERFORMANCE MODE ⁷			
									5FPS <16 KM/H	10 FPS <48 KM/H	20 FPS <100 KM/H	30 FPS <150 KM/H	5FPS <16 KM/H	10 FPS <48 KM/H	20 FPS <100 KM/H	30 FPS <150 KM/H
Premium Plus	-	220	120	35	34	30	15	14	68	42	21	14	56	28	14	9
	1 × AINVR2-PRM-PLUS-FORM-H-ANK	200	120	70	68	60	30	28	85	42	21	14	106	53	26	17
Premium	-	200	70	9	9	8	5	4	34	23	11	7	34	21	10	7
	1 × AINVR2-PRM-PLUS-FORM-H-ANK	200	120	47	45	38	20	18	46	23	11	7	89	48	24	16
	1 × AINVR2-PRM-PLUS-FORM-H-ANK	200	120	57	57	20	35	32	46	23	11	7	119	59	29	19
Value	-	-	-	-	-	-	-	-	17	8	4	2	-	-	-	-
	1 × AINVR2X-VAL-ANK Unity Video 8	80	48	20	18	15	7	7	16	10	5	3	16	14	7	4
	ACC 7	80	48	4	4	3	2	2	16	10	5	3	16	14	7	4

Key features

- Avigilon analytics for third-party cameras
- Easy upgrades and device management
- Simple deployment with pre-configured Avigilon Unity Video
- Single contact for end-to-end technical support

Learn more



¹ Refers to the maximum number of channels at maximum cumulative throughput.
² Based on validation testing by Avigilon. Assumes appliance-wide average per camera rates of classified objects leaving the field of view.
³ Assumes a 3MP camera with 1MP license plate scan area and Frames Per Second (FPS) to recognize license plates up to vehicle speeds in Kilometers Per Hour (KM/H). Results may vary according to camera mounting parameters.
⁴ For cameras at 2MP and 30 frames per second (fps). Requires ACC 7.14.32 / Unity Video 8.3.0.
⁵ Requires H6A, H5A, H4A cameras, or Classified Object Detection (COD) running on non-analytic cameras.
⁶ When enabling Visible Firearm Detection (VFD), disable analytics on the Avigilon camera, enable COD and count the camera as a non-analytic camera.
⁷ Requires License Plate Recognition (LPR) performance mode to be enabled. Available with ACC version 7.14.6 or later. LPR Performance mode will limit other analytics on your AI NVR 2. See the AI NVR 2 user guide for more information.



NVR6

Handle heavy-duty video workloads and longer retention capabilities without sacrificing performance. The sixth-generation Avigilon Network Video Recorder (NVR6) is a comprehensive video security system that delivers where it matters: performance, reliability and security. Choose from 6 TB to 440 TB storage options in a single NVR, supporting up to 400 cameras for recording and 220 cameras for Appearance Search.

Specifications



MODEL NAME	PREMIUM PLUS Form H	PREMIUM Form D	STANDARD Form D	VALUE Form D
Part Number	NVR6-PRM-PLUS-FORM-H- C TB-S22	NVR6-PRM-FORM-D- C TB-S22	NVR6-STD-FORM-D- C TB	NVR6-VAL- C TB
Storage capacity C	200 240 280 360 440 TB	72 96 120 160 200 TB	16 24 32 48 64 TB	6 12 16 24 TB
OS	Windows Server 2022	Windows Server 2022	Windows 10 v21H2, Windows Server 2022	Windows 11 IoT Enterprise LTSC 24H2
Out-of-band management	iLO Advanced	iDRAC 9 Enterprise		iDRAC 9 Express
Support	5YR, 4HR, Mission critical	5YR, 4HR, Mission critical	5YR Next business day	3YR Next business day
Networking	4x1G & 4x10G SFP+	6x1G & 4x10G SFP+	6x1G	2x1G
Recording rate ¹	220 to 400 ch @ 1500 to 2700 Mbps ³	200 ch @ 1500 Mbps	130 ch @ 900 Mbps	Up to 48 ch @ 312 Mbps
Live stream rate ¹	220 to 400 ch @ 1500 to 2700 Mbps ³	600 ch @ 1500 Mbps	600 ch @ 800 Mbps	Up to 48 ch @ 312 Mbps
Playback rate ¹	50 to 100 ch @ 340 to 680 Mbps ³	80 ch @ 600 Mbps	80 ch @ up to 600 Mbps	Up to 20 ch @ 130 Mbps
Analytic channels supported for Appearance Search	220 ³	200	90	0 to 48 ²
+ Facial Recognition	60	50	50	0 to 48 ²
License Plate Recognition @10FPS (<48 KM/H)	30 lanes	20 lanes	11 lanes	10 lanes
Redundancy	RAID60	RAID6		RAID5

Key features

- AI-powered analytics support
- Reliable data storage for heavy-duty workloads
- Flexible & scalable storage up to 440 TB
- Quick deployment with pre-configured Avigilon Unity Video
- Strengthened cybersecurity
- Single contact for end-to-end technical support

Learn more



¹ Refers to the maximum number of channels at maximum cumulative throughput.
² Refer to the Datasheet for the analytics kit required.
³ ACC 7.14.32.10 / Unity Video 8.3.0 Required. Pre-installed with Avigilon Control Center 7. The Unity Video 8 installer is available on the machine for upgrade.



Workstations

Experience superior performance and reliability with the ability to access video from multiple NVRs using the Remote Monitoring Workstation, or combine a network video recorder and client workstation into a single, powerful NVR5 Workstation. With 12th-generation Intel processors, these workstations deliver enhanced recording efficiency, improved reliability and smoother video playback.



Specifications

MODEL NAME	NVR5 WORKSTATION		REMOTE MONITORING WORKSTATION	
Part Number	NVR5-WKS-4TB	NVR5-WKS-8TB	RM7-WKS-4MN	RM7-WKS-2MN
Video Playback Performance	2 MP @ 30 fps	18 Primary Streams	22 Primary Streams + 14 Secondary Streams	18 Primary Streams
	4 MP @ 30 fps	18 Primary Streams	22 Primary Streams + 14 Secondary Streams	18 Primary Streams
	8 MP @ 30 fps	4 Primary Streams + 14 Secondary Streams	4 Primary Streams + 32 Secondary Streams	4 Primary Streams + 14 Secondary Streams
	16 MP @ 24 fps	2 Primary Streams + 16 Secondary Streams	2 Primary Streams + 34 Secondary Streams	2 Primary Streams + 16 Secondary Streams
	61 MP @ 7 fps	4 Primary Streams + 14 Secondary Streams	6 Primary Streams + 30 Secondary Streams	4 Primary Streams + 14 Secondary Streams
Supported Monitor	Interfaces Combination of up to 2: mDP, DP, and HDMI (DP and HDMI adapters are supplied)		Combination of up to 4: mDP, DP, and HDMI (DP and HDMI adapters are supplied)	Combination of up to 2: mDP, DP, and HDMI (DP and HDMI adapters are supplied)
Operating System	Microsoft Windows 10 IoT Enterprise LTSC (2021)			
Processor	Intel Core i3 (12th Gen)		Intel Core i5 (12th Gen)	Intel Core i3 (12th Gen)
Memory	8 GB DDR4 RAM		32 GB DDR4 RAM	8 GB DDR4 RAM
OS Drive	M.2 256 GB PCIe NVMe Class 35 SSD		M.2 256 GB PCIe NVMe Class 35 SSD	
Video Data Drive	1 SATA drive, 4 TB HDD	1 SATA drive, 8 TB HDD	-	-
Storage	256 GB M.2 SSD + 500 GB HDD			
Network Interface	2 × 1 Gigabit Ethernet RJ-45 ports (1000Base-T)		2 × 1 Gigabit Ethernet RJ-45 ports (1000Base-T)	
Video Outputs	2 active (4 × mDP)		4 active (4 × mDP)	2 active (4 × mDP)
Optical Drive	DVD-RW			
Graphics			NVIDIA T1000 (8GB)	Intel Integrated graphics

Key features

- 4K support*
- Recovery partition
- Small form factor
- Solid-state drive

Learn more



NVR5

RM7

*Avigilon Unity client software at 200% DPI scaling



NVR6 FIPS

Designed for government agencies and large enterprises – help defend against cyberattacks using the sixth-generation Avigilon Network Video Recorder FIPS (NVR6 FIPS) series. It is pre-hardened to meet FIPS 140-2¹ level 2 standards for secure network video recording and performs data encryption in transit and at rest. Leverage Motorola Solutions’ end-to-end FIPS-compliant video security ecosystem with Joint Interoperability Test Command (JITC) Certification² for the Department of Defense (DoD) networks to meet robust cybersecurity requirements.

Specifications



MODEL NAME	PREMIUM FIPS FORM D	STANDARD FIPS FORM D
Part Number	NVR6-PRM-FIPS-FORM-D- C TB	NVR6-STD-FIPS-FORM-D- C TB
Storage Capacity (TB) C	72 96 120 160 200 TB	16 24 32 48 64 TB
Windows OS	Server 2019 LTSC (STIG-Compliant) - 16 core	
Out-of-band management	iDRAC 9 Enterprise (network disabled for FIPS compliance)	
Support	5YR, 4HR, Mission critical	5YR Next business day
Networking	6x1G & 4x10G SFP+	6x1G
Redundancy	RAID6	

Key features

- Government-compliant manufacturing
- Certified infrastructure on government networks
- AI-powered analytics support
- Reliable data storage
- Single contact for end-to-end support

Learn more



¹ FIPS 140-2 Encryption is currently available only for Avigilon Unity Video (Formerly Avigilon Control CenterTM) Version 7.

² Avigilon video security solutions are certified by the Joint Interoperability Test Command for the Department of Defense. Refer to the [JITC Press Release](#).

Avigilon Video security solutions have been added to the Department of Defense’s Information Network Approved. Products List (DoDIN APL). Refer to [DoDIN APL Press Release](#).



ENVR2 PLUS Appliance

Unlock AI-powered video analytics with Avigilon's compact ENVR2 PLUS, compatible with any connected video stream and ideal for edge deployments.



Specifications

MODEL NAME	ENVR2 PLUS
Part Number	ENVR2-PLUS-8P8/8P4
Analytics features	Appearance Search, Facial Recognition, Classified Object Detection, License Plate Recognition
Built-In PoE ports (Total Power Budget)	8 (125W)
Storage capacity	1 × 3.5" SATA 3 hard drive, 4 TB or 8 TB
Throughput (Recording/Playback in Mbps)	130 / 80
Operating temperature	0° C to 50° C (32° F to 122° F)
Dimensions (L x W x H)	195 mm × 254.5 mm × 44.45 mm (7.67" × 10.0" × 1.75")

Key features



Appearance Search on third-party cameras



Scale, speed and security



Remote site upgrade



Optimal WAN usage

Learn more





HD Video Appliance 3XL

Achieve a simplified security system while reducing installation time and complexity with the Avigilon HDVA3XL, an all-in-one appliance with built-in Avigilon Network Video Recorder, PoE switch, and workstation. Enjoy a seamless and hassle-free experience managing your security systems with our one-stop, preconfigured solution.

Specifications



MODEL NAME	HDVA3XL 8-PORT	HDVA3XL PRO 24-PORT
Part Number	VMA-AS3XL-8P	VMA-AS3XL-24P
Storage Capacity	2TB, 4TB, 8TB, 16TB	6TB, 12TB, 18TB, 24TB, 48TB
Operating System	Microsoft Windows 11 IoT Enterprise v24H2 LTSC Optional Microsoft Windows Server 2022 LTSC Upgrade Kit (AS3X-S22-UPG) available soon	Microsoft Windows 10 IoT Enterprise v21H2 LTSC Optional Microsoft Windows Server 2022 LTSC Upgrade Kit (AS3X-S22-UPG) available soon
Total PoE Output	Up to 30W/Port (120W Total)	Up to 30W/Port (360W Total)
Max. Recording Throughput	Up to 104 Mbps (2/4/8TB), 143 Mbps (16TB)	Up to 208 Mbps (6/12/18/24TB), 247 Mbps (48TB)
Max. Recording Channels	Up to 16 (2/4/8TB), 22 (16TB)	Up to 32 (6/12/18/24TB), 38 (48TB)
Max. Number of Video Data Hard Drives	1 x 3.5" SATA	RAID 5 – Up to 4 x 3.5" SATA
Out-of-band Management	Optional IPMI Module (VMA-AS3X-IPMI) available	

Key features



Out-of-band management



Improved scale, speed and security



Video Analytics support



Local viewing

Learn more





Avigilon Video Archive

Cost-effective storage option that provides a path for expanding video archives incrementally over time, delivering exceptional reliability with near-zero downtime.



Specifications

MODEL NAME	AVIGILON VIDEO ARCHIVE					
Part Number	AVA-HED1- C TB ¹			AVA-EXP1- C TB ¹		
Storage Capacity (TB) C	225	488	751	263	526	789
Form Factor	5U					
Max. Number of NVRs Connected	4 per Head Unit when attached directly; 12 per Head Unit when using 2 network switches ²					
Redundancy	Erasure coding					
Connectivity	iSCSI					

Key features

 Erasure coding technology	 Avigilon Unity Video
 Storage area network technology	 Failover and load balancing

Learn more



¹ Head units house the controllers that connect either directly with up to 4 NVRs or indirectly with up to 12 NVRs using 2 network switches. Expansion units need to be installed in the same rack and connected to Head Units to expand the capacity up to 1.5PB.

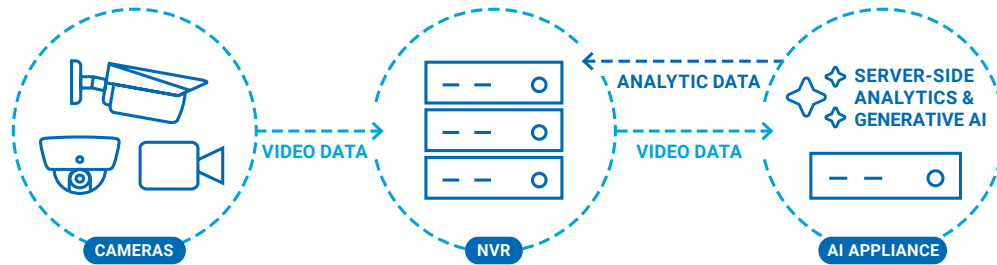
² 12 NVRs must be connected through 2x 10GbE SFP+ network switches to ensure redundancy. The switches are not sold by Avigilon and should be sourced by the customer. Each switch must support at least 12x Downlink ports (1 per NVR) and 4x Uplink ports.

Part number varies based on total storage capacity **C**.



AI Appliance 2X

Engineered for high performance and resiliency, the Avigilon AI Appliance supports 160 cameras and server-side analytics for powerful threat detection. The CG3 model leverages Generative AI to enable the creation of custom visual alerts using natural language for enhanced situational awareness.



Specifications

MODEL NAME	CG2	CH3
Part Number	AIA2X-FORM-D-CG2-HW-C19-C20	AIA2X-FORM-D-CG3-HW-C19-C20
Avigilon Unity Video Edition	Pre-installed with Unity Video 8 Enterprise, incompatible with ACC7 Enterprise	Pre-installed with Unity Video 8 Enterprise, incompatible with ACC7 Enterprise
Operating System	Avigilon Hardened OS	Avigilon Hardened OS
GenAI ready	No	Yes
Memory	4 x 16GB DDR5	8 x 16GB DDR5
Graphics Processor	1 x NVIDIA Data Center Class GPU	2 x NVIDIA Data Center Class GenAI-ready GPU
Network Connection (1G Teamed)	Up to 1500 Mbps	Up to 1500 Mbps
Video Outputs	None	None
Out-of-band Mgmt.	iDRAC9 Express (factory installed), Enterprise upgrade available	iDRAC9 Express (factory installed), Enterprise upgrade available
Max COD / + AS / + FR channels	80 / 80 / 57	160 / 160 / 113
Max Visual Alerts / + COD / + AS / + FR channels	Not Supported	100* / 80 / 80 / 57
Warranty	3-Year Next Business Day	3-Year Next Business Day

* 100 channels are achievable with an analysis period of 60s.

Key features

- On-premise generative AI
- Turnkey deployment
- Server-side analytics

Learn more





IP Horn Speaker

The IP Horn speaker integrates with Avigilon Unity Video software, empowering operators to proactively deter intruders through live talkdown capabilities.



Specifications

MODEL NAME	IP HORN SPEAKER 2
Part Number	ACC-SPEAKER
Power Source	PoE/PoE+
Power Consumption	13 W (Using PoE), 22 W (Using PoE+)
Amplifier Rated Output	8 W (Using PoE), 15 W (Using PoE+)
Sensitivity	112 dB (1 W, 1 ml (500 Hz - 2.5 kHz, peak level) 124 dB (at PoE+ powered, 15 W, 1 ml (500 Hz - 2.5 kHz, peak level) 121 dB (at PoE powered, 8 W, 1 ml (500 Hz - 2.5 kHz, peak level I
Frequency Response	280 Hz - 12.5 kHz
Sampling Frequency	8 - 48 kHz
Audio Compression Method	G.711u/a, G.722, L16 (8 - 48kHz)
Environmental	IP66
Operating Temperature	30 °C to +55 °C (-22 °F to +131 °F)
Warranty	5-year warranty

Key features



Unity Video Integration



Built-In microphone



Water & dust protection



Wide temperature range

Learn more





Alta Cloud Connectors

Alta Cloud Connectors make existing cameras smart with uniquely scalable, real-time AI and provide a frictionless transition to the cloud.



Specifications

MODEL NAME	A200	A600	A800	A1100	A2100	A3100
PART NUMBER	APP-200-4-SG APP-200-8-DG	APP-600-8-DG APP-600-16-DG	APP-800-32-DG	APP-1100-24-BT APP-1100-48-BT	APP-2100-80-BT APP-2100-160-BT APP-2100-80-SFP APP-2100-160-SFP	APP-3100-80-BT APP-3100-160-BT APP-3100-240-BT APP-3100-80-SFP APP-3100-160-SFP APP-3100-240-SFP
Type	Workstation				2U Rack-mounted	
Camera Sources	10	25	50	75	100	200
Hard Disks	1	3	3	4	12	12
CPU	Intel Core i3 12100	Intel Core i3 14100	Intel Core i5 14500	Intel Xeon W3-2423	Intel Xeon 4410Y	2x Intel Xeon 4410Y
GPU	Nvidia RTX A400	Nvidia GeForce	Nvidia GeForce	Nvidia Quadro RTX	Nvidia Quadro RTX	2 x Nvidia Quadro RTX
RAM	16GB (2x8GB) DDR4 Non-ECC	16GB (2x8GB), DDR5, non-ECC	32GB (2x16GB) DDR5, non-ECC	32GB (2x16GB) DDR5, RDIMM ECC	128GB (8x 16GB) RDIMM, 5600MT/s, Single Rank	192GB (12x 16GB) RDIMM, 5600MT/s, Single Rank
Network Interface	1 or 2 1Gb Base-T	2.5Gb BaseT + 1Gb BaseT	2.5Gb BaseT + 1Gb BaseT	10Gb BaseT + 1Gb BaseT	Dual 10Gb Base-T or 2x SFP28 (2x 25Gb) ¹	Dual 10Gb Base-T or 2x SFP28 (2x 25Gb) ¹
SATA Storage	Up to 8TB raw	Up to 24TB raw, 16TB net	Up to 48TB raw, 32TB net	Up to 64TB raw, 48TB net	Up to 192TB raw, 160TB net	Up to 192TB raw, 160TB net
Local Display	Yes	Yes	Yes	Not supported	Yes	Yes

Key features



Extend real-time AI to third party cameras



Bring cloud benefits to existing cameras and sensors



Monitor and manage your entire deployment in a single interface



Provides resilience and local access to video



Enhanced security with encryption and dedicated TPM

Learn more

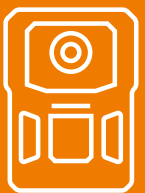
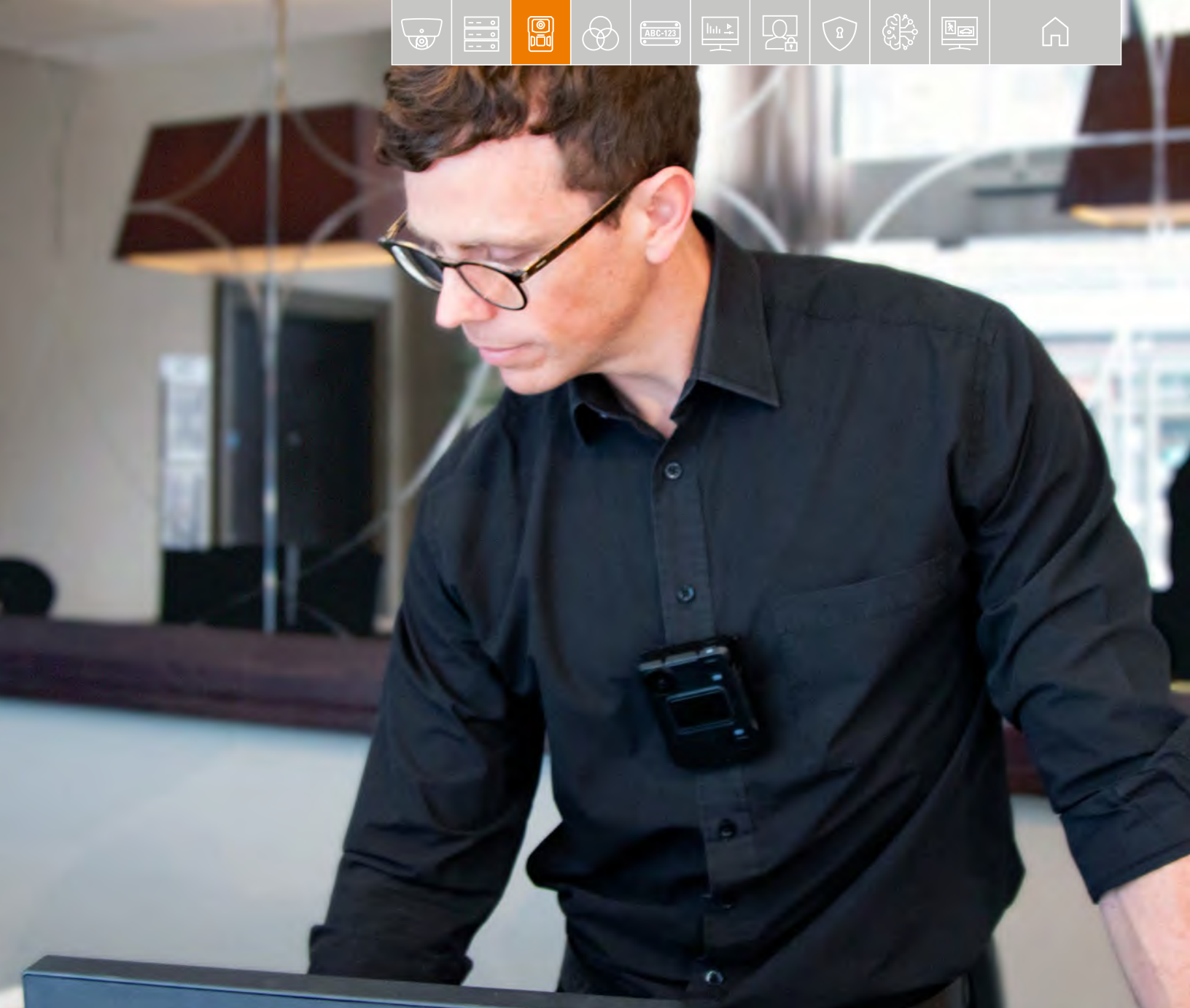


Workstations Rack-mounted

Cloud Connector accessories

TYPE	PART NUMBER
Mounting Rack for A1100 with rail bracket and ready rails, including one C13-C14 power cable.	APP-RCK-1100
4TB Replacement Drive	AACC-DRV-04TB
8TB Replacement Drive	AACC-DRV-08TB
12TB Replacement Drive	AACC-DRV-12TB
16TB Replacement Drive	AACC-DRV-16TB

¹ SFP Transceivers/GBICs not included.



Body cameras

Commercial organizations need a mobile video security solution that protects people and proves professionalism. Cutting-edge body cameras from Motorola Solutions capture high-quality audio and video from the wearer's perspective. Seamless integration with Avigilon Unity Video software via WiFi enhances situational awareness in the control room, delivering a powerful new narrative and enabling a smarter response.



VT100 Cameras

Designed to complement your current security function, providing additional body protection to staff throughout any organization. Available for global use in commercial applications.



Specifications

Model Name	VT100	
Part Number	VT-100-N	
Features	Dimensions (H x W x D)	3.1 x 2.0 x 0.9 in (80 x 51 x 22 mm)
	Weight	2.54 oz (72 g)
	Charging	Up to five hours from a fully flat battery
	Bluetooth	No
Video	Recording Storage	16 GB
	Recording Time	Up to three hours
	Battery On Standby	Six months
	Battery Type	Lithium-Ion
	Horizontal Field of View	130°
	Peer-Assisted Recording	No
WiFi	WiFi Specification	802.11 b/g/n (2.4 GHz & 5 GHz)
	WiFi Security	WPA2-PSK
	WiFi Streaming	640x360 15 fps. Compatible with ONStream.

Key features



RFID Assignment



WiFi Enabled



Integrates with VideoManager Software



Up to Six Months Stand-By Battery

Learn more



Security & certification

Storage Media	Internal solid state
Access	Sealed unit, no user access to storage media or battery
EMC Certification	Yes
FCC Certification	Yes
CE Certification	Yes
Environmental Certification	IP54 weather rating



VB400 Cameras

Ruggedized camera with advanced recording and communications features enabling security professionals in commercial organizations to perform their best when it matters most.



Specifications

Model Name	VB400	
Part Number	VB-400-64- F	
Features	Dimensions (H x W x D)	2.7 x 3.5 x 1.04 in (68 x 89 x 26.6 mm)
	Weight	5.7 oz (162 g), plus mounting
	Charging	Up to eight hours from a fully flat battery
	Bluetooth	BT 2.1 + EDR, BLE 4.2
Video	Recording Storage	64 GB
	Recording Time	12 hours
	Battery On Standby	48 hours
	Battery Type	Lithium-Polymer
	Horizontal Field of View	120°
	Peer-Assisted Recording	Within 32.8 ft (10 m) of another device
WiFi	WiFi Specification	802.11 a/b/g/n (2.4 GHz & 5 GHz)
	WiFi Security	WPA2-PSK
	WiFi Streaming	640 x 360, 25 or 30 fps

FIXING AND MOUNT OPTIONS **F**

QR-N	Quick Release Fixing	Suitable for attaching to the quick release fixing options
KF-N	Klick Fast Harness	Suitable for directly attaching to the Klick fast fixing options
VF-N	Close-Fit Mount	Suitable for attaching to the close fit mount options
ALIG	Alligator Clip	Comes with a factory fitted alligator clip

Key features

- RFID assignment
- Configure up to 2 minutes of pre-recording
- Internal GPS receiver
- Holster sensor
- Bluetooth enabled
- Records for up to 12 hours

Learn more



Security & certification

Storage Media	Internal solid state
Access	Sealed unit, no user access to storage media or battery
EMC Certification	Yes
FCC Certification	Yes
CE Certification	Yes
Environmental Certification	IP67 weather rating

Part number varies based on fixing or mount options **F**.



Body camera accessories

There are a variety of accessories to ensure your body camera can be fixed securely to any uniform or clothing.



Compatibility

Model Name	VB-400 with Quick Release Back	VB-400 with Klick Fast Back	VB-400 with Close Fit Back	VB-400 with Alligator Clip	VT100
Part Number	VB-440-64-QR-N	VB-440-64-KF-N	VB-440-64-VF-N	VB-440-64-ALIG	VT-100-N
Custom VB400 Front-button Sticker (Design) (VB-400-ID-CUS-ART)	Compatible	Compatible	Compatible	Compatible	
Custom VB400 Front-button Sticker (Print) (VB-400-ID-CUS-100 or 250/1000/5000)	Compatible	Compatible	Compatible	Compatible	
Klick Fast Quick Release Stud (VB-400-QR-KFSTUD)	Compatible				
Klick Fast Quick Release Tilt Mount (VB-400-QR-KFTILT)	Compatible				
Klick Fast Quick Release Wide Tilt Mount (VB-400-QR-KFTILT2)	Compatible				
Quick Release Sports Camera Pillar (VB-400-QR-SPORT)	Compatible				
Klick Fast 3-Point Chest Harness (KF-HARN3) ¹	Compatible	Compatible			
Klick Fast 4-Point Chest Harness (KF-HARN4) ¹	Compatible	Compatible			
Klick Fast Shoulder Harness (KF-HARN5) ¹	Compatible	Compatible			
Klick Fast Uniform Screw-on Dock (KF-SCREW) ²	Compatible	Compatible			
Klick Fast Radio Loop Dock (KF-LOOP) ²	Compatible	Compatible			
Klick Fast Dock Clamp (KF-DOCKCLAMP) ²	Compatible	Compatible			
Klick Fast Dock Epaulette (KF-DOCKEP) ²	Compatible	Compatible			
Klick Fast Magnetic Mounting Set (w/o magnet) (KF-MAGMOUNT) ²	Compatible	Compatible			
Klick Fast Dock for MOLLE Vests (KF-MOLLEVEST) ²	Compatible	Compatible			
Close-Fit Magnetic Mount (VB-400-VF-MAG)			Compatible		
Close-Fit Double MOLLE Mount (VB-400-VF-MOL2)			Compatible		
Custom VT100 Front-panel ID Card (Design) (VT-100-ID-CUS-ART)					Compatible
Custom VT100 Front-panel ID Card (Print) (VT-100-ID-CUS-250 or 1000 /5000)					Compatible
VT100 Rotatable Long Alligator Clip (VT-100-FIX-ALIG)					Compatible
VT100 Epaulette (Shoulder) Clip (VT-100-FIX-EP)					Compatible
VT100 Sports Camera Pillar (VT-100-FIX-SPORT)					Compatible
VT100 Klick Fast Stud (VT-100-FIX-KF-ALT)					Compatible
Lanyard with 5 Breakpoints and 2 Loops (AC-LANYARD-05)					Compatible

*Based on AC-LANYARD-05.

¹ Klick Fast Harnesses are compatible with the VB-440-64-QR-N when used in conjunction with Klick Fast Quick Release Fixings. Also available for the VB-440-64-KF-N camera.

² Available for the VB-440-64-QR-N when used in conjunction with Klick Fast Quick Release Fixings.



Body camera docks

For downloading of video and rapid charging of body cameras.

Specifications



MODEL NAME	VT100 1-PORT DOCK	VT100 14-PORT DOCK	VB400 1-PORT DOCK	VB400 14-PORT DOCK
Part Number	VT-100-SOLO	VT-100-DOCK14 ¹	VB-400-DOCK-SOLO	VB-400-DOCK14 ²
Dimensions (H x W x D)	2.95 x 3.54 x 1.57 in (75 x 90 x 40 mm)	1.5 x 7.87 x 17.17 in (38 x 200 x 436 mm)	2.95 x 3.54 x 1.57 in (75 x 90 x 40 mm)	1.5 x 7.87 x 17.17 in (38 x 200 x 436 mm)
Weight	8.6 oz (244 g)	4.85 lb (2.2 kg)	8.6 oz (244 g)	4.85 lb (2.2 kg)
Scalability	Up to four 1-Port Docks can be connected to a DockController	Multiple docking stations can be connected to a single PC or DockController	Up to four 1-Port Docks can be connected to a DockController	Multiple docking stations can be connected to a single PC or DockController
Charging	This dock can charge a VT100 in up to five hours from a fully flat battery	This dock can charge a VT100 in up to five hours from a fully flat battery	This dock can charge a VB400 in up to eight hours from a fully flat battery	This dock can charge a VB400 in up to eight hours from a fully flat battery
Connection	Single USB to PC	Single USB to PC or DockController, and a mains adaptor for power	Single USB to PC	Single USB to PC or DockController, and a mains adaptor for power
Power Requirement	5V USB	12V/5A PSU, input 100-240V (PSU supplied)	5V USB	12V/5A PSU, input 100-240V (PSU supplied)

Learn more



¹ Part number varies based on power outlets: VT-100-DOCK14/US, VT-100-DOCK14/UK, VT-100-DOCK14/EU, VT-100-DOCK14/ROW.

² Part number varies based on power outlets: VB-400-DOCK14/US, VB-400-DOCK14/UK, VB-400-DOCK14/EU, VB-400-DOCK14/ROW.



RFID Reader & Accessories

Connect an RFID reader to a DockController device to make body camera allocation quicker and easier, using your organization's existing ID or access cards.



Specifications

MODEL NAME		RFID READER
Part Number		RF-220
General Information	Typical Usage	Attached to a DC-200 via USB connection
	Management Software	VideoManager
	Warranty	1 year return to manufacturer warranty
	Snap-in Holder	The Snap-in Holder is used to fix the RF-220 to a flat surface
Size & Weight	Dimensions (H x W x D)	3.5 x 2.2 x 0.7 in (88 x 56 x 18 mm)
	Weight	4.1 oz (115 g)
Technical Specifications	Frequency	Low Frequency: 134.2 kHz, High Frequency: 13.56 MHz
	Read / Write Distance	4 in (100 mm) for both Low Frequency and High Frequency
	Supported Compatible Card Standards	Including but not limited to:

Key features



Secure & efficient camera allocation



No need to log in each time



Automatic association between camera & user

Learn more



RFID Reader Accessories

Type	Part Number
RFID Sticker-Style Tag (x10)	RF-STICKER-10
RFID-Card (x10)	RF-CARD-10

RFID Readers and accessories are compatible with VT100 & VB400 body cameras



Dock Controller

Connect multiple body cameras simultaneously to VideoManager.



Specifications

MODEL NAME		DOCK CONTROLLER
Part Number		DC-200/ R
General Information	Typical Usage	Connected to VideoManager over Ethernet, with multiple docks attached via USB
	Management Software	VideoManager
	Warranty	1 year return to manufacturer warranty
Size & Weight	Dimensions (H x W x D)	6.1 x 5.3 x 1.5 in (154 x 136 x 37 mm)
	Weight	23.3 oz (660 g)
Scalability	Body Camera Support	Connect up to 84 body cameras to one DC-200. Ideal for use with 14-port docks. Can also be used with up to 4 individual 1-port docks.
	Unlimited VideoManager Connectivity	There is no limit on the number of DC-200s that can be connected to an instance of VideoManager
Technical Specifications	Operating Temperature	32 to 104 °F (0 to 40 °C)
	Storage Temperature	-67 to +158 °F (-55 to +70 °C)
	Input Voltage (to supplied external power supply)	100 - 240V, 47 - 63Hz
	Maximum Power Consumption	20W
Connectivity	High-Speed Footage Downloads	Gigabit Ethernet Port (1000/100/10 mbps) for rapid footage download and body camera assignment
	RFID-Compatible	Attach an RFID reader to one of the DC-200's USB ports to enable quick body camera assignment
	Bandwidth Restrictions	Apply bandwidth rules to individual DC-200s to control how much footage is uploaded to VideoManager, and when
	High-Priority Configuration	Prioritize certain DC-200s to ensure that their footage is downloaded to VideoManager first
	Slow Connection Configuration	DC-200s with this setting enabled will continuously try to offload footage to VideoManager, ignoring the bandwidth limit
	Shared Bandwidth Groups	Add multiple DC-200s to one bandwidth group to ensure that the bandwidth limit is shared equally between them

Key features



Connect up to 84 body cameras



Supports RFID Touch-Assign

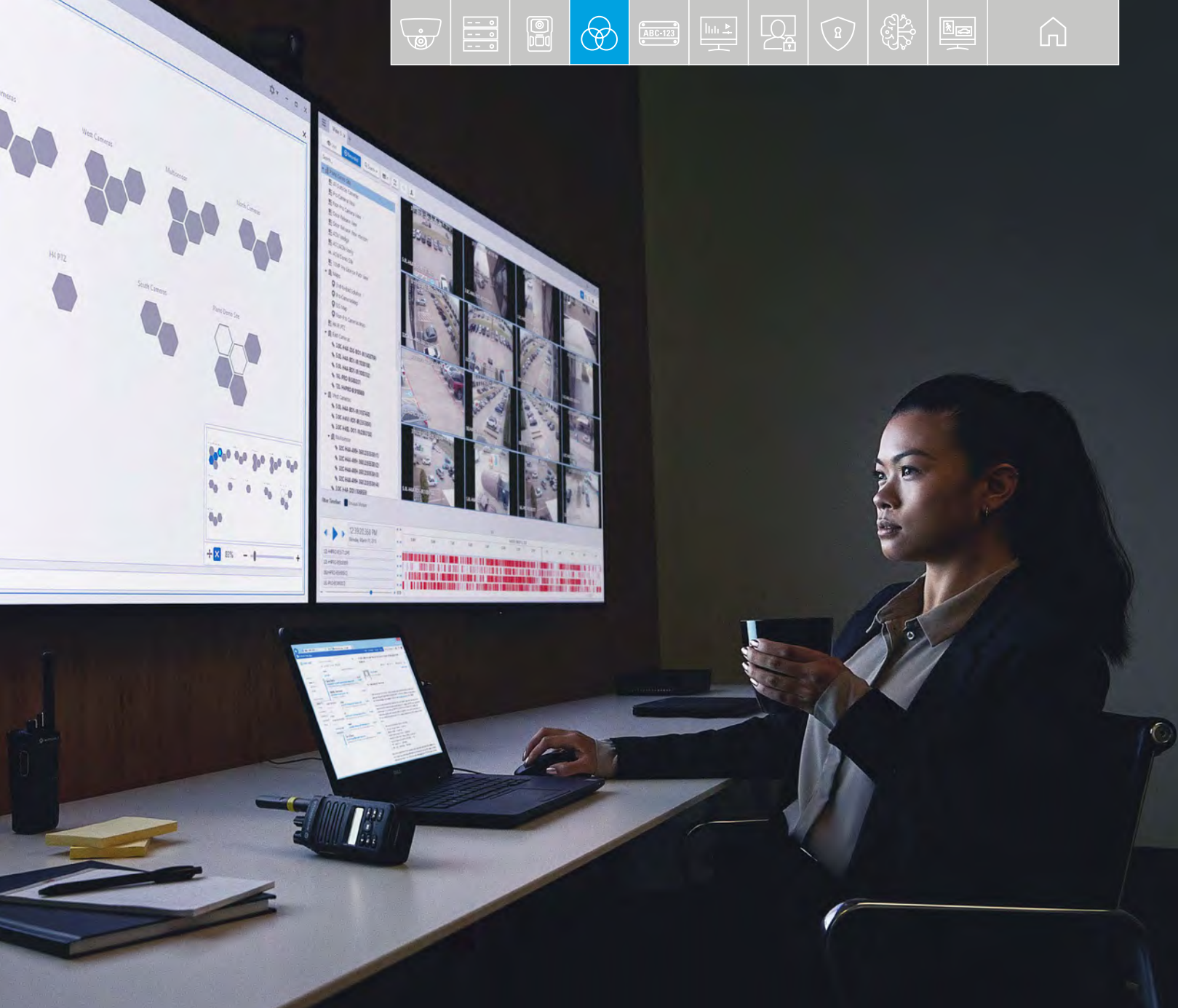
Learn more



Regional compatibility

US	United States
UK	United Kingdom
EU	Europe
AUS	Australia
ROW	Rest of World

Part number varies based on regional compatibility **R**.



Motorola Solutions Integrations

Motorola Solutions integrations offer an integrated approach to fixed video and security applications. Experience an unparalleled ecosystem that unifies voice, video, data, analytics and software.



Concealed Weapons Detection

Motorola Solutions second-generation Concealed Weapons Detection (CWD Gen2), powered by Evolv Technology, is a security screening solution that utilizes advanced sensors and AI to detect a wide range of concealed weapons and threats. The Gen 2 model features a more robust hardware platform for easier deployment and servicing, including the detection capabilities. This solution is only available to customers in North America.



Specifications

PHYSICAL	INDOOR MODELS		OUTDOOR MODELS	
	Single-lane	Dual-lane	Single-lane	Dual-lane
Depth	40.7 in (103.5 cm)			
Width	68.5 in (174 cm)	118.8 in (301.9 cm)	78.5 in (199.5 cm)	138.9 in (352.8 cm)
Height	74.8 in (189.9 cm)			
Weight	240 lbs (109 kg)	317 lbs (144 kg)	250 lbs (113 kg)	337 lbs (153 kg)
Mat Lip	0.1 in (0.2 cm)			
Mat Height	0.7 in (1.7 cm)			
Lane Opening Width	32 in (81.2 cm) per lane		42 in (106.8 cm) per lane	
ELECTRICAL				
Voltage	100 VAC-240 VAC (+/-10%)			
Phase	Single phase			
Draw	200 watts (typical)			
COMPONENTS				
Cameras	2 situational awareness cameras (front and rear)			
Tablet Display	15.6inch display (39.6cm), 2 per lane (1 Floor and 1 Desktop Stand)			

Key features

- Smart, AI-based sensor platform
- Easy to operate
- Respectful, hassle-free experience
- Flexible deployment options

Learn more



Physical configuration

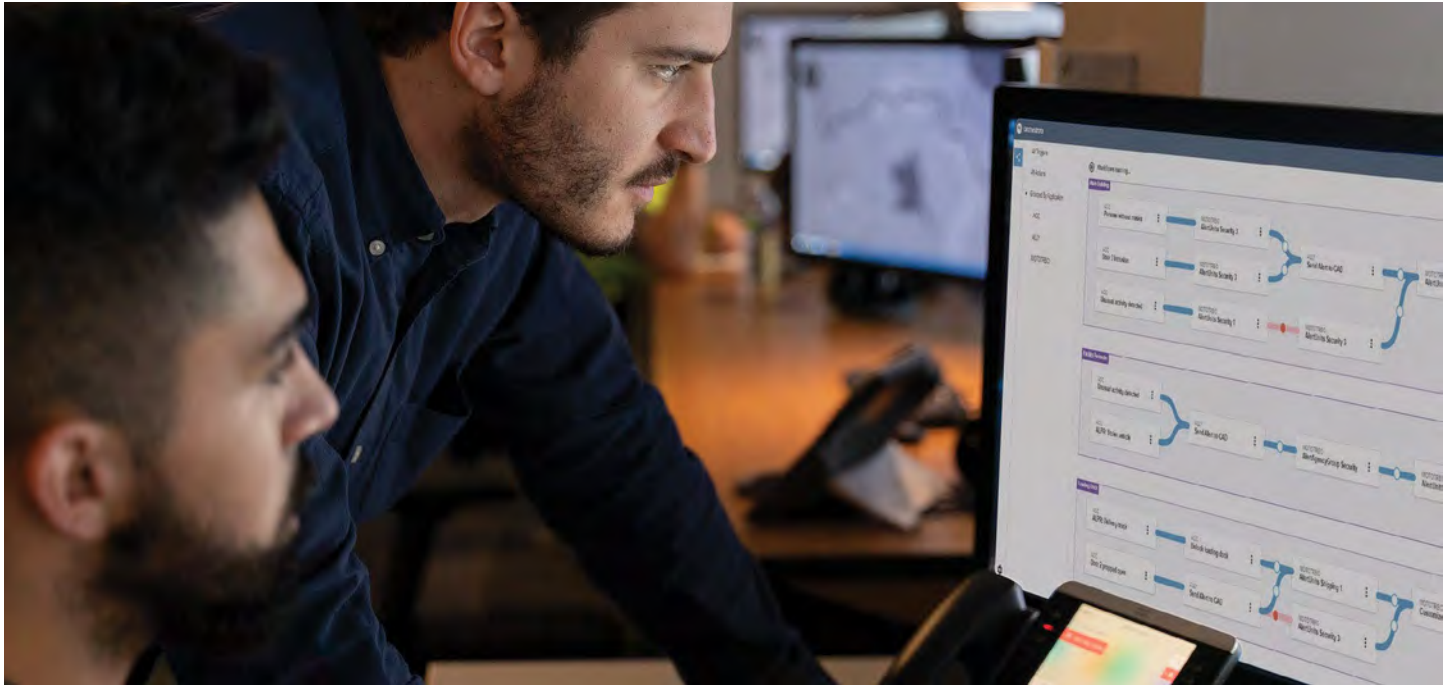
CONFIGURATION	DESCRIPTION
2 lane	From the perspective of the security operator watching people exit the towers, the receiver towers are on both sides of the center transmitter tower.
1 lane, Right Side	From the perspective of the security operator watching people exit the towers, the receiver tower is on the right side of the transmitter tower.
1 lane, Left Side	From the perspective of the security operator watching people exit the towers, the receiver tower is on the left side of the transmitter tower.

* Available to customers only in North America.



Orchestrate

An intuitive, cloud-based interface tool to configure, automate and manage workflows that control Motorola Solutions' integrated security and safety technologies. Orchestrate helps automate your security operations by seamlessly integrating into Avigilon's on-premise and cloud solutions.



Why choose orchestrate?

Our unified technology ecosystem spans end-to-end incident scenarios on one platform, enabling cross-team communication and automatic workflows for a faster response. AI and digital business logic allows personnel to detect, analyze, communicate and manage events more efficiently, and through proactive decision making, can even prevent incidents from escalating in the first place.



Use Orchestrate to expedite incident detection and respond faster with automated radio alerts triggered by video analytics events using the integration with Avigilon Alta and Unity video solutions.



Streamline access control operations and automate control of wireless locks to deny or allow access to individuals using the integration with Avigilon Alta and Unity access control systems.

Key features



Integrated workflows



Enterprise cloud platform



Analytics-driven logic

Learn more

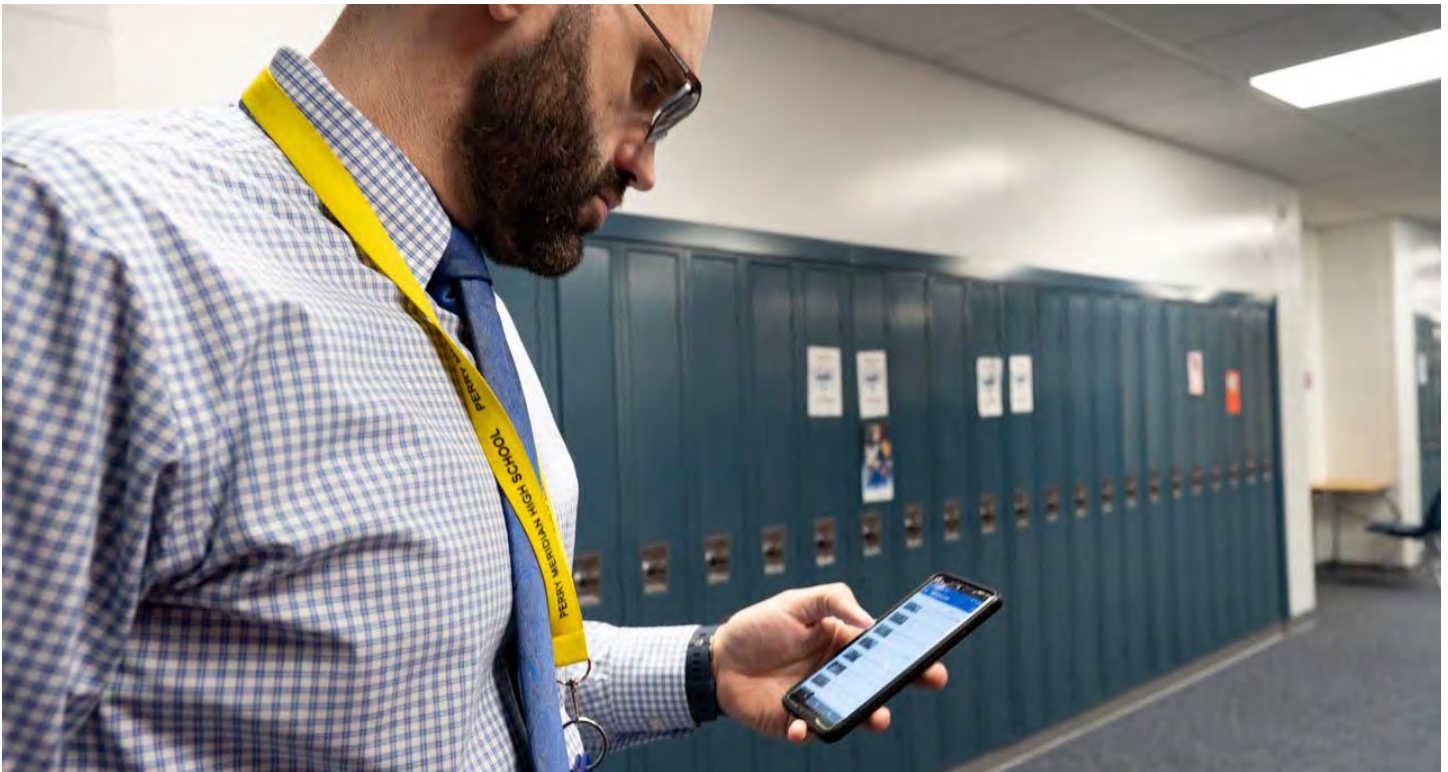




Rave Mobile Safety Suite

For a large enterprise organization who wants to deliver more effective communications, Rave Mobile Safety Suite offers easy-to-use solutions for critical communication and collaboration that enable you to manage incidents, increase operational resiliency and help save lives.

Currently only available in the U.S.



Key features



Easy-to-use platform enables connected incident management



Enable high-volume, multimodal, two-way communications to stay informed



Enhance emergency preparedness and 9-1-1 response



Stay connected and maximize the safety of your employees and facilities.

Learn more





Rave Panic Button

The Rave Panic Button is a leading emergency notification and response solution that delivers instant connection to first responders with the push of a button. The Panic Button empowers you to communicate any type of emergency while simultaneously connecting with on-site personnel and others involved to keep everyone informed and engaged throughout a situation.

Currently only available in the U.S.



Specifications

PART NUMBER	RAVEPB-SCB-1000-PANIC-PERUSER
System	Intuitive smartphone app available in the Apple App Store and Google Play Store
	Targeted mass notification delivery through SMS, email, and push notifications
	Easy to add information such as campus, building and people via Motorola Facility
Device support	iPhone - Requires iOS 14.0 or later
	Android - Requires Android 10.0 or later
Security and privacy protection	Multi-factor authentication
	SmartLoader for automated user management
	Role-based access control
Other features	Available for download on first responder devices
	Non-emergency messaging through Staff Assist
	View Panic Button incidents
	Access map-based solutions
	Trigger workflows to MOTOTRBO and WAVE devices
	Staff status checks
	Support for outbound CAP integrations
Automated user management	

¹ Per full-time employee

Key features

-  Simple and user-friendly interface
-  Enable authorized employees to communicate internally in non-emergency situations
-  Browser-based and mobile responsive system
-  Customizable check-ins to request current status, locations and more
-  Immediate connection to first responders with the push of a button
-  Integration with Motorola Solutions' technology ecosystem
-  Two-way communication with 9-1-1 for a more coordinated response
-  FirstNet Verified and US Department of Homeland Security SAFETY Act Certified

Learn more





Rave Alert

Rave Alert is a leading mass notification system offering reliable, multimodal messages in three clicks. Its easy-to-use interface, seamless device connections and customized communication make it the most efficient and effective solution for emergency and non-emergency messaging.

Currently only available in the U.S.



Specifications

PART NUMBER	RAVEPB-SCB-1000-ALERT-PERUSER
System	Web-based interface available via any internet-connected device
	Public safety grade infrastructure
	Two billion messages sent per year with 99.999% service availability
Support	Dedicated support 24 hours a day, 365 days a year
	Self-service training portal, including live sessions and in-app tutorials
Security and privacy protection	Single sign-on via LDAP/CAS/SSO/Shibboleth
	SmartLoader for automated user management
	Role-based access control
Other features	SOC 2 Type II attestation
	Targeted notifications
	Automated weather alerts via the National Weather Service
	SMS opt-in keywords
	Common Alerting Protocol (CAP) and REST API integrations available
	Automated notifications
	Trigger workflows via Orchestrate
	One-click conference bridging
	Real-time reporting

¹ Per full-time employee

Key features

-  Easy-to-use and mobile friendly interface
-  Backed by geo-redundant public safety grade infrastructure
-  Customized communication for targeted messaging
-  Deploy unlimited emergency messages in 100+ languages
-  Send messages through text, email, social media, desktop alerts and more
-  Supports third-party products such as digital signage and audible sirens, supporting CAP
-  Role-based notifications from a single launch point
-  FedRAMP Authorized and US Department of Homeland Security SAFETY Act Certified

Learn more





License Plate Recognition Solutions

License plate recognition (LPR) systems from Motorola Solutions aren't one-size fits all, but rather designed for specific environmental needs. Our purpose-built applications for enterprise ensure your data is actionable and secure. Add an unmatched layer of efficiency to your parking and security operations with license plate recognition detections, patented vehicle location analytics and plate-based enforcement tools.



VehicleManager Enterprise

Help your team instantly transform license plate recognition data into actionable intelligence with VehicleManager Enterprise. Its integration into Avigilon Unity Video allows businesses to share their license plate reads collected by Unity Video software with law enforcement agencies for quicker investigations.

Through this collaborative license plate-sharing program, businesses can aid law enforcement agencies in detecting and responding to Be-On-the-Lookout (BOLOs) vehicles without directly taking action, ensuring a safer outcome for the community.



Key features

-  Vehicle & plate query
-  Hotlists & auth lists
-  Data sharing
-  Mapping tools
-  Analytic dashboards
-  Mobile companion app

Learn more





L6A Enterprise LPR Camera

Fusing industry-leading video streaming capabilities with cutting-edge LPR technology, scan license plates and stream video footage with the L6A. Built with two lenses, this multipurpose camera accurately captures vehicle data, increases awareness and provides analytical capabilities beyond what a traditional security or LPR camera could do alone.



Specifications

MODEL NAME	L6A ENTERPRISE LPR CAMERA
PART NUMBER	LPR-VSF-L6A-7IR LPR-VSF-L6A-8IR
Resolution	3 MP
Lanes Detected	2
Image Sensor	1/2.9" global shutter color context 1/2.9" global shutter monochrome LPR
Max Frame Rate	(50Hz/60Hz):50fps/60fps
Max. IR Illumination Distance ¹	100 m (330 ft)
Environmental	IP67 Weather Rating IK10 Impact Rating
LENS	5 - 125 mm, F/1.6
Horizontal Angle of View	54° - 5°
Vertical Angle of View	40° - 4°
Lens Control	Remote Zoom and Focus, Auto focus, IR Cut Filter

Key features

-  Onboard LPR analytics
-  Dual long-range motorized lenses
-  Long-range ALPR at 0 lux
-  Native VehicleManager Enterprise integration
-  ONVIF Profile S
-  FIPS 140-2 level 3 TPM and Secure Boot

Learn more



Audio, power & storage

Video Compression Method	H.264, MJPEG (Color Only)
External I/O Terminals	Alarm In, Alarm Out
External Power Source	VDC: 24 V ± 10%
PoE Power Source	POE PD IEEE 802.3at-2009 class 4 (25.50W)
Onboard Storage	32gb with microSD expansion
Onboard Storage	SD/SDHC/SDXC slot (minimum class 4, class 6 or better recommended)

¹ Available IR Illumination options, 850nm or 730nm
L6A Camera accessories are listed on page 31.



L6Q Quick-Deploy LPR Camera System

The Motorola Solutions L6Q license plate reader delivers enhanced safety and security right at the door. Combining License Plate Recognition (LPR) technology with simple installation and ease of use, this radar-based camera triggers when vehicles move at specific speed thresholds, even in total darkness.



Specifications

MODEL NAME		L6Q QUICK-DEPLOY LPR CAMERA SYSTEM			
PART NUMBER ¹	LPR-VSFS-L6Q-P-SUB	VSF-L6Q-730-S-KIT-CAT3	VSF-L6Q-P-KIT-25	VSF-L6Q-370-SIM-P-KIT	
	LPR-VSFS-L6Q-S-SUB	VSF-L6Q-730-SIM-S-CAT3-KIT	VSF-L6Q-S-KIT-25-CAT3	VSF-L6Q-730-P-KIT	
	LPR-VSF-L6Q-P-KIT	VSF-L6Q-730-S-KIT-INT	VSF-L6Q-SIM-S-CAT3-KIT-25	VSF-L6Q-730-S-KIT-CAT3	
	LPR-VSF-L6Q-S-KIT	VSF-L6Q-730-S-KIT-CAT3-INT	VSF-L6Q-S-KIT-25-INT	VSF-L6Q-730-SIM-S-CAT3-KIT	
	VSF-L6Q-730-S-KIT	VSF-L6Q-730-P-KIT-INT	VSF-L6Q-S-KIT-25-CAT3-INT	VSF-L6Q-730-S-KIT-INT	
	VSF-L6Q-730-SIM-S-KIT	VSF-L6Q-S-KIT-25	VSF-L6Q-P-KIT-25-INT	VSF-L6Q-730-SIM-S-CAT3-KIT	
	VSF-L6Q-370-SIM-P-KIT	VSF-L6Q-SIM-S-KIT-25	VSF-L6Q-730-S-KIT	VSF-L6Q-730-S-KIT-CAT3-INT	
	VSF-L6Q-730-P-KIT	VSF-L6Q-SIM-P-KIT-25	VSF-L6Q-730-S-KIT	VSF-L6Q-730-P-KIT-INT	
Resolution	1920 x 1080 px				
Image Sensor	2.1 MP Starlight Sensor				
Pulsed LED Illumination	16mm: 730nm or 850 nm 25mm: 730nm				
Environmental	IP67 Weather Rating				
CAMERA PERFORMANCE					
Optimal Capture Distance	16mm: 55 ft (16.8m) 25mm: 75 ft (22.9m)				
Capture Range	16mm: 30 - 75 ft (9.1 - 22.9m) 25mm: 50 - 100 ft (15.2 - 30.5m)				
Capture Speed Maximum	Performance Mode: 100 mph (161 kmh) Eco Mode: 10 - 100 mph (16 - 161 kmh)				
Field of View	24 ft (7.3 m) (multi-lane coverage)				

Key features

- Quick-deployment
- Solar, AC/DC or battery operated
- Multi-lane coverage
- Tamper-proof with paintable shroud
- Captures the vehicle make, model and color
- VehicleManager Enterprise integration with LPR analytics

Learn more

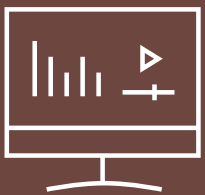


Audio, power & storage

Audio Compression Method	N/A
Audio Input/Output	N/A
External I/O Terminals	N/A
External Power Source	12vdc, Solar or Internal Batteries
PoE Power Source	N/A
Onboard Storage	microSD

Purchase: First two years of licensing included.

Subscription: Five-year Commitment (includes annual Camera License Key (CLK) and hardware warranty)



Video Management Software

Whether you're monitoring video from fixed cameras or your suite of body cameras, our video management solutions provide the control and AI-enabled tools to help ensure critical events do not go unnoticed.



Avigilon Unity Video software

A cutting-edge video management system that merges on-premise VMS with AI-enabled and cloud-managed capabilities. Unity Video offers a powerful edge-based analytics platform, to detect potentially critical events such as unusual crowds, expanded vehicle subclasses and also flag auditory disturbances. Experience effortless management of multiple sites and users, a single login credential for all applications and a single installer for all software updates.



Specifications

MODEL NAME	CORE	STANDARD	ENTERPRISE
Cameras/Server	24	75	>300 ¹
Servers/Site	1	1	>100 ¹
Client Connections per Server	2	10	Unlimited
Rule Triggers	0	51	Unlimited
Self-Learning Video Analytics Event Configuration	No	Yes	Yes
Unity Access Identity Verification	No	Yes	Yes
Unity Access Identity Search	No	Yes	Yes
Unity Access Remote Door Access Grants	No	Yes	Yes
Focus of Attention Interface	No	No	Yes
AI Appliance Support	No	No	Yes
Avigilon Pro Camera Support	No	No	Yes
Alarm Search	No	No	Yes
Alarm Notifications and Escalations	No	No	Yes
Avigilon Appearance Search Technology	No	No	Yes
Visual Alerts- on-premise GenAI ³	No	No	Yes
Facial Recognition Support	No	No	Yes
No Face Mask Detection	No	No	Yes
Visible Firearm Detection support ²	No	No	Yes
License Plate Event Search and Point-of-Sale (POS)	Yes	Yes	Yes
Multi-Camera Privacy-Blurred Export from Avigilon Appearance Search Results	No	No	Yes
Failover Connections and Redundant Recording	No	No	Yes
Active Directory Integration	No	No	Yes
AI NVR Support	Yes	Yes	Yes

Learn more



¹ Avigilon has tested up to the number indicated, however no limits are imposed by licensing. Actual limits will depend on the hardware environment. ONVIF is a trademark of ONVIF, Inc.

² Requires subscription license. Deployable with ONVIF-conformant camera using AI NVR appliance.

³ Available only with Unity Video 8.7 and AI Appliance 2X CG3 model.



Avigilon Unity Video software



Standard features

- Automatic device discovery
- Support for third-party ONVIF compliant cameras and encoders including dual streaming
- Support for H.265, H2.654, MPEG4, MJPEG and JPEG2000 codecs
- HDSM™ and HDSM SmartCodec™ technology support
- Avigilon Unity Video mobile app for iOS and Android
- Generative AI alerting capabilities
- Unusual Motion and Activity Detection timeline filtering with Skip Play
- Intelligent Motion, thumbnail and event search
- Two-factor authentication and emergency privilege override
- Two-person authenticated recorded video viewing
- Unity web client
- FIPS 140-2 encryption
- Occupancy Counting analytics*
- Support for edge-based video analytics to go beyond video and object analysis by incorporating audio capabilities such as gunshot detection, crowd detection and more vehicle subclasses in Unity Video
- Multi-camera export
- System & motion event email notifications

Learn more



* Cloud connected sites only



Avigilon Unity Cloud Services

Avigilon Unity Cloud Services allows you to seamlessly integrate your on-premise video security with cloud-managed functionality for a robust organization-wide security management platform. Enable a modern cloud-connected user experience to view live and recorded video to monitor sites and manage system health.



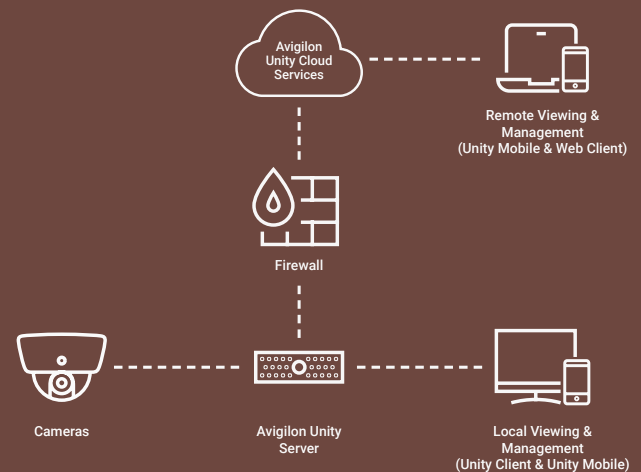
Specifications

Centralized Access	Anywhere Access	Organizations with distributed locations can easily access their Unity Video sites securely from anywhere on a browser or mobile device.
	Easy Remote Access	Remotely monitor multiple locations and cameras to quickly detect, verify and act on events.
	Cloud Connectivity to Unity Video Sites	Connect Unity Video sites to the cloud to converge media access, system management, and integrations.
	Tools for everyday operation	Access live and recorded video, create and view bookmarks, manage PTZ controls, and export videos to a local drive.
	Enhanced Situational Awareness	Provides timely and proactive responses to analytic alarms, sent from Unity Video software as push notifications directly to the Unity Video Mobile 3 app.
Security	Firewall Traversal	Firewall traversal enables secure remote access with minimal or no firewall reconfiguration.
	Federated Authentication	Centralize administration of user identities and use corporate credentials to access suite of Avigilon Unity Video applications.
	Seamless User Provisioning	Provisioning users is simple, as existing Unity Video group privileges are inherited for web client or mobile app viewing.
System Health Monitoring	Real-time Awareness	Confirm the operational status of your deployment to prioritize site maintenance activities and optimize uptime across all system components.
	Health Dashboard	Review a single health dashboard that rolls up the active status of all recorders and connected cameras.
	Remote Configuration Access	Access configuration details of recorders and cameras across all cloud-connected Unity Video sites.
	Remote Site Upgrades	Push software upgrades remotely to one or more Unity Video sites simultaneously, ensuring all of your sites are always on the latest versions of Unity Video.
Technical Specifications	Compatible Unity Video Platform	Unity Video 7.10 or later is required to connect Avigilon Unity Video sites to Unity Cloud Services.
	Compatible Unity Video Mobile Platform	Avigilon Unity Video mobile app is required to support remote access via a mobile device and to receive analytic alarms from Unity Video.

Key features

The Unity Cloud Services platform enables a modern cloud-connected user experience, accessible without installation from a web browser. It lays the foundation for Unity Video customers to connect to the cloud and take advantage of capabilities and features that provide centralized access.

Our platform provides for the delivery of value-add services, helping to improve your up-time, and enhance productivity, while also strengthening your security. The Unity Cloud Services platform simplifies the management of physical security systems for customers.



Learn more





Smart Assurance Plan

The Avigilon Smart Assurance Plan offers optimal protection for your Avigilon Unity Video management software in the form of annual and multi-year upgrade plans, ensuring you always have timely access to the newest capabilities and services over the life of your plan.



Plan details

1-Year	3-Years	5-Years
<p>All plans include:</p> <ul style="list-style-type: none"> Eligibility to all Avigilon Unity Video software versions released during the life of your plan, which never expires Advanced System Health Cost certainty on upgrades for the life of your plan Easy renewal at the end of your plan's term 		

Avigilon Unity Video 7.14.0 or newer is required to use Smart Update parts.

Key features



Protect System Investment



Pain-free Upgrades



Timely Access to New Features



Cost Certainty

Learn more





VideoManager Software

Managing the many responsibilities of a small business, hotel, or hospital can feel overwhelming for your team. When you have a job to do, you need a body camera solution that is simple to manage so you can focus on what is most important. With VideoManager EX, you can quickly configure your body cameras on-premises or in the cloud, helping to reduce distractions and giving your team the ability to stay focused on their work.





VideoManager EX Cloud is available in the U.S, UK, Australia and Brazil.
VideoManager EX On-premises is available globally.



Specifications

	ON-PREMISES		CLOUD
	HQ BASE	HQ PRO	
Hierarchical architecture	✓	✓	✓
Streaming server export	✓	✓	✓
Identity management	✓	✓	✓
User import tool	✓	✓	✓
Composite clips	✓	✓	✓
Media preparations integration	✓	✓	✓
Notifications		✓	✓
Self-service user creation		✓	✓
Nested incidents		✓	✓
Tactical Video Manager		✓	✓
AI redaction & transcription			✓

Key features

-  Easy to deploy and use
-  Simple video management
-  Cloud & on-premises options
-  Personalized for your team

Learn more





Avigilon Alta Video

Open, scalable, secure and easy to use, Alta Video is an enterprise-grade, cloud-based AI video management system (VMS) equipped with integrated machine learning capabilities.



Specifications

PART NUMBERS	AWA-CLD-1YR AWA-CLD-3YR	AWA-CLD-5YR AWA-CLD-10YR
Device support	Avigilon Alta cameras Automatic device discovery Third-party IP cameras and encoders H.264 compression	
Streaming	Dynamic Stream selection	
Security and Privacy Protection	HTTPS camera connectivity SRTP support AES video encryption Digital watermarking against tampering RTSP over TLS No default passwords Mandatory access authentication	
Alerting and notifications	Real-time notifications Email event notifications Webhooks Rules tool	

Key features

- Open cloud platform
- Access anywhere via browser or mobile app
- Easy to configure and manage
- Intelligent AI video and audio analytics
- Smart search tools
- Built-in security and privacy
- Scalable architecture
- Integrate sensors and third party cameras

Learn more



Video & audio analytics*

CLASS (CATEGORY)	SUBCLASS (USED AS FILTERS)
People	Appearance: gender, bag, top and bottom clothing color or similarity (reference image).
Facial recognition	Facial recognition is only available in certain regions.
Vehicles	Appearance: type, color, license plate or similarity (reference image)
Anomalies	Unusual time of day, location, velocity or sound; for people, vehicles or both
Fall detection	Detects individuals laying on the ground or in a transition state (falling down)
Bag detection	With/without bag (held, dropped or picked up)
Line crossing	Crossing a virtual line set up for: <ul style="list-style-type: none"> Vehicle: type, color, licence plate, Person: gender, with/without bag, top and bottom clothing color or similarity (reference image); Facial recognition
Loitering	Loitering detected by: <ul style="list-style-type: none"> Vehicle: type, color, licence plate Person: gender, with/without bag, top and bottom clothing color or similarity (reference image) Facial recognition: available in certain regions
Counts	People and vehicle counts
Access control	Requires integration: Forced entry, double entry over time, access denied, access granted, access control point open for too long
Point-of-Sale	Integration required with Point-of-Sale system. Search/rule set up based on text field and price.
Audio	Glass break, loud noise, gunshot, screaming, smoke alarm, car alarm, ultrasonic panic alarm, dog bark, tire screeching
System rules	<p>Camera issue (Any camera):</p> <ul style="list-style-type: none"> Camera connection failure (timeout after minutes) Unmet retention period (days) <p>Camera issues (Alta cameras):</p> <ul style="list-style-type: none"> Image health: monitors changes to the image over time based on reference images SD card failure Analytics failure Camera top cover removed Camera in recovery mode Camera not storing <p>System issues</p> <ul style="list-style-type: none"> Cloud Connector connection issues Software issues Disk failures Disk missing Disk space Audit log storage limit Cloud connection Access control connection

*Video and audio analytics are continuously being updated. For latest releases, view our release notes.



Avigilon Alta Video



Additional Alta Video licenses

PRODUCT NAME	PART NUMBER
Alta Video Audio Recording License	LIC-AUD-REC
Alta 30 Day Cloud Storage License	AWA-CLD-STR-30-XY
Alta 60 Day Cloud Storage License	AWA-CLD-STR-60-XY
Alta 90 Day Cloud Storage License	AWA-CLD-STR-90-XY
Alta 120 Day Cloud Storage License	AWA-CLD-STR-120-XY
Alta 150 Day Cloud Storage License	AWA-CLD-STR-150-XY
Alta 335 Day Cloud Storage License	AWA-CLD-STR-335-XY
Alta Cloud Storage Connect	AWA-CLD-BYO-1Y
	AWA-CLD-BYO-3Y
	AWA-CLD-BYO-5Y
	AWA-CLD-BYO-10Y

Alta Video Access Control Integration License	ACI-INT-1Y
	ACI-INT-3Y
	ACI-INT-5Y
	ACI-INT-10Y
Enable face search for a deployment	LIC-FAC-SEA
Alta Video LPR License	LIC-LPR-CHAN-1Y
	LIC-LPR-CHAN-3Y
	LIC-LPR-CHAN-5Y
	LIC-LPR-CHAN-10Y
Subscription for Point-of-Sale device connected to Alta Video (license is per device)	LIC-POS-REG-1Y
	LIC-POS-REG-3Y
	LIC-POS-REG-5Y
	LIC-POS-REG-10Y



Intelligent Site Protection & Response

The Avigilon Alta intelligent site protection and response solutions are proactive and built to scale. Combine Alta Protect's zone creation and 24/7 professional monitoring with specialized on-site hardware for stronger security across every site. With the addition of Alta SOS, empower organizations with emergency data sharing to enable fast and reliable 911 operator response. Together, these solutions provide a comprehensive approach to safeguarding people and property.



Alta Protect

The cloud-native Avigilon Alta Protect is an intelligent site protection solution designed to detect and respond to critical events. Seamlessly integrating with existing video security systems and third-party cameras, Alta Protect combines AI-driven video and audio analytics, sensor data, and a powerful rules engine with 24/7 professional monitoring to deliver proactive site protection across any environment. With on-site hardware such as the Arming Station Pro and Horn Speakers, organizations can strengthen security while keeping operations simple.

24/7 monitoring available in U.S., Canada, U.K., Ireland, Australia and New Zealand only



Specifications

MODEL NAME	ALTA PROTECT SITE LICENSE	ALTA PROTECT EXPANSION LICENSE
PART NUMBER(S)	1 Year: PROT-SITE-1Y 3 Years: PROT-SITE-3Y 5 Years: PROT-SITE-5Y 10 Years: PROT-SITE-10Y	1 Year: PROT-EXP-1Y 3 Years: PROT-EXP-3Y 5 Years: PROT-EXP-5Y 10 Years: PROT-EXP-10Y
Location	1 physical location	
Cameras/Sensors	Up to 15 cameras/sensors	Adds 5 cameras/sensors
Zones	Up to 2 zones	Adds 1 zone

Alta Protect Expansion License requires Alta Protect Site License and should be added to sites requiring additional zones and/or cameras than what is included in the Protect Site License.

Key features

- Scalable solution that adapts to single-site or multi-site organizations
- Customizable zones & rules to automate alerts and streamline security response
- Easy-to-use cloud platform enables centralized incident management
- Integrates with existing third-party cameras for flexible deployment
- AI-driven video and audio analytics provide accurate detection of critical events
- Intelligent alert triggers detect real threats with precision, minimizing false alarms and improving response times

Learn more





Alta Protect Monitoring Service

Avigilon Alta Protect Monitoring Service enables 24/7 protection, through a team of trained security professionals who verify and respond to alerts in real time. Working seamlessly with the cloud-native Alta Protect platform, the add-on service enables human operators to assess AI-driven video, audio, and sensor analytics for accurate event validation. By confirming genuine threats before dispatch, the monitoring team helps ensure faster response times, reduce false alarms, and strengthen overall site protection.

24/7 monitoring available in U.S., Canada, U.K., Ireland, Australia and New Zealand only



Specifications

ALTA PROTECT MONITORING SERVICE		
MODEL NAME	SITE LICENSE	SITE EXPANSION LICENSE
PART NUMBER(S)	1 Year: PROT-MON-SITE-1Y 3 Years: PROT-MON-SITE-3Y 5 Years: PROT-MON-SITE-5Y 10 Years: PROT-MON-SITE-10Y	1 Year: PROT-MON-EXP-1Y 3 Years: PROT-MON-EXP-3Y 5 Years: PROT-MON-EXP-5Y 10 Years: PROT-MON-EXP-10Y
Location	1 physical location	
Events	Up to 25 events per month	Adds 15 events per month

Key features

- 
 A team of trained professionals actively reviews alerts to confirm real threats and ensure accurate responses
- 
 AI-driven video and audio analytics help prioritize critical incidents, reducing false alarms
- 
 Easy-to-use cloud platform enables centralized incident management
- 
 Instantly access and review video footage from each alert for context and control over how to respond
- 
 Verified alarms receive higher priority from local authorities, improving response times and on-site safety
- 
 Integrates with existing API or third-party systems for a seamless, connected security ecosystem

Learn more





Alta Protect Hardware

Arming Station Pro

Provides a secure, on-site interface for arming and disarming protection zones. Intuitive design and cloud connectivity to enable fast, reliable response management.

Horn Speaker

Delivers clear, real-time audio to deter threats and guide people during critical events. Designed for seamless integration with Alta Protect, enhances situational awareness and on-site response.

Sensor Smart Hub

Centralizes connections for up to 32 inputs and 2 relays, making it easy to integrate contact sensors, motion detectors, alarm buttons, lights, and sirens into Alta Protect. Flexible input management and seamless cloud configuration to enhance detection and response across any site.



Specifications

	ARMING STATION PRO	HORN SPEAKER	SENSOR SMART HUB
PART NUMBER(S)	ARMINGSTATION-PRO	HORN SPEAKER	SYS-SENS-SVE1
Key Functions	Arming/disarming protection zones	Real-time audio alerts, deterrence, and announcements	Central connection for sensors, alarm buttons, lights, and sirens
Connectivity	Cloud-connected, network-based	IP-enabled, cloud-managed	Cloud-connected via Access Control Core
Power	PoE 802.3af	PoE 802.3at PoE+ 802.3af	FPV4: 24V @ 3A or 12V @ 4A
Inputs/Outputs	Configurable buttons, status indicators	Audio broadcast, configurable zones	Up to 32 inputs and 2 relays
Mounting	Wall-mounted station	Bracket	Plug & Play, bracket recommended
Environment	Indoor	Indoor/outdoor	Indoor
Dimensions (H x W x D)	6.35 x 5.72 x 1.06in (161 x 145 x 27mm)	7.93 x 10.75 x 13.68in (202 x 273 x 347mm)	14 x 12.13 x 4.72in (356 x 308 x 120mm)
Weight	1.455 lbs (6.6kg)	4.62 lbs (2.1kg)	10 lbs (4.5 kg)

Key features



Works natively with Avigilon Alta Protect for streamlined deployment and management.



Designed for use across single/multi-site environments, scaling with business needs.



Investigate suspicious activity and authentication with the embedded 2 MP camera.



Arm and disarm securely with access cards, fobs, or PIN codes for verification.



Communicate in real-time with live talk-down to deter threats and take control of security events as they happen.



Detect, verify and respond to events with built-in analytics that enhance situational awareness.



Supports up to 32 inputs and 2 relays to connect motion detectors, contact sensors, and alarm triggers.



Easily connect to the cloud for remote system management, diagnostics, and communication.

Learn more





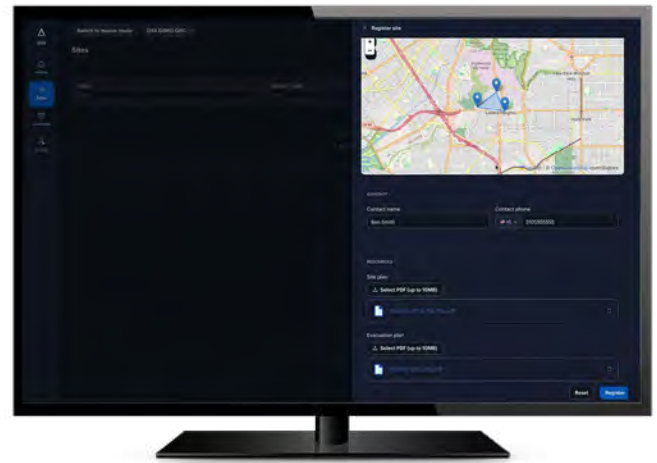
Alta SOS

The cloud-native Avigilon Alta SOS is an emergency data sharing solution designed to improve safety and accelerate response during critical events. By providing precise location details and real-time data, Alta SOS helps eliminate uncertainty and guides first responders directly to where help is needed. Seamlessly integrated with the Alta platform, it bridges communication gaps and ensures vital information is always current and accessible.


Available in the U.S. only


Specifications

Zip code verification	✓
Custom site boundaries	✓
Floor plan uploads	✓
Evacuation plan uploads	✓
Emergency contact notification	✓
Multi-site management	✓
Cloud-based setup and management	✓
Operator-to-responder data sharing	✓





Key features


 Define precise boundaries, ensuring accurate call routing for emergency services

 Connects with CommandCentral software to enhance incident visibility for first responders

 Easy-to-use cloud platform enables centralized incident management

 Enables operators to quickly alert on-site personnel while first responders are en route

 Manage emergency data across multiple facilities from a single Alta dashboard

 Bridges communication gaps between organizations and emergency services

Learn more





Unity Access Control

Avigilon Unity Access is an on-premise access control system for enterprise-class installations. Designed to be quickly deployed and easy to use, Unity Access provides operators with an intuitive turnkey solution so they can focus on protecting people, properties and assets.



Avigilon Unity Access Solutions

Unity Access simplifies enterprise-level access control management with a user-friendly, web-based access control system. It is built on an open architecture and supports open-platform hardware, which gives you the flexibility to connect with third-party integrations for flexible and tailored solutions. Streamline operations, improve security and empower your organization with Unity Access.



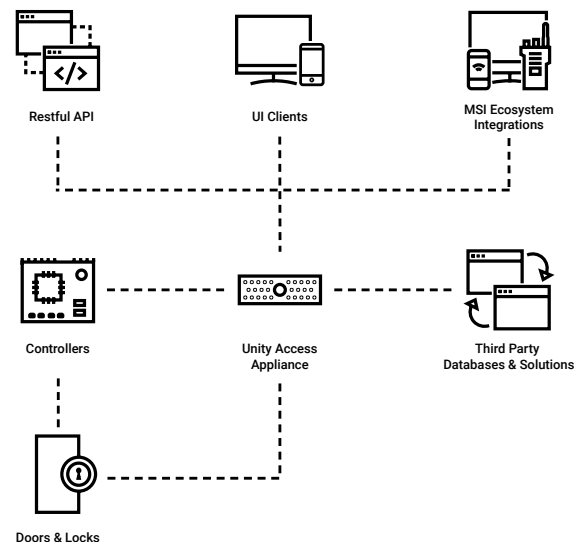
Details

	Browser-based interface	Browser-based, requiring no software installation.
	Turnkey operation	Easy installation experience with server appliances that are ready to go the moment you plug them in.
	Scalable deployment model	Unity Access appliances allow you to start with what you need on individual appliances, then expand by adding doors and replicating additional appliances as your organization grows.
	Intuitive user interface (UI)	The UI enables optimized navigation and search capabilities, so users can quickly and easily find what they are looking for and focus on security data.
	Dynamic Scenes	Manage security objects through customized scenes or representations of your facilities, including floorplans, dashboards and quick actions. Real-time insights, dynamic icons and integration with Unity Video enhance situational awareness and streamline alert response.
Easy to use & deploy	Mobile app	The Unity Access mobile app provides quick and easy access to view any door status remotely, activate a sitewide lockdown or any global action, deactivate an identity and more – anytime, anywhere.
	System configuration templates	Wide selection of easy-to-use templates for doors, wiring and input and output to enable quick Batch Add setup for faster configuration.
	Customized reporting	Pre-defined, ready-made reports that can be customized to display important access control data.
	Peer-to-peer replication	Patented technology allows for replication of identity data on multiple appliances across many sites. No additional software or hardware is required, which simplifies identity management, promotes consistency of identity data and reduces data entry efforts.
	Identity and alarm management	Streamline identity and alarm management with real-time insights, efficient identity search, import/export and badge design capabilities. An intuitive alarm management system with visual indicators, video integration and customizable workflows enables efficient incident response.
	Multi-language support	Unity Access supports Arabic, German, English (U.K. and U.S.), Spanish, French, Hebrew, Italian, Polish, Portuguese (Brazil), Russian and Chinese
Open-field hardware support & integrations	Controllers & sub-panels	Protect and future-proof your access control investment by using open non-proprietary, authentic Mercury Security hardware with support for large encoded card formats and Mercury panel certificates for added security.
	Intrusion detection	Integration to intrusion detection systems to automate the management and control within the Unity Access system.
	Wireless locks	Integration with a wide variety of leading third-party wireless lock vendors.
	Biometric readers	Integration to biometric fingerprint reader technology.
	pivCLASS	Integration with HID® pivCLASS® technology when implemented in an HSPD-12 environment requiring FIPS 201-2 evaluation program approval.
	Video security	Unification with Unity Video and integration with other third-party video management software to better inform responses with video context.
	Integration support	Experience unified, scalable security with limitless support for integration across a growing ecosystem of solutions from leading technology providers. The Avigilon Developer Community provides support for third-party integrations.

Key features

-  Browser-based and Linux-based, turnkey security solution
-  Integrate via RESTful API
-  Manage devices and areas statuses in real-time from an interactive map
-  Assign and manage role-based identities and streamline alarm management
-  Leverage the open-platform hardware support and integrate with leading third-party wireless lock vendors
-  Perform daily operations swiftly and respond to critical events at any time with the mobile app
-  Unify with video management software for end-to-end security
-  Connect your entire physical security ecosystem and automate workflows

Learn more





Unity Access Licensing

Invest in lifetime ownership and long-term value with Unity Access' flexible service plan, offering scalable solutions for your changing access control needs. Get regular updates, ongoing support, and the latest features and updates to help keep your people, properties and places safer. Find the pricing plan that best fits your organizational needs.

LIFETIME LICENSES Get lifetime ownership for you system, features and doors			SUBSCRIPTION Yearly - 1/3/5
Appliance ¹	Software	Doors	Service plan
Choose an appliance that works best for your system's size requirements.	Get the base license and choose from a selection of optional add-ons and other licenses.	Select the pack of doors that best suits your organization's needs. Your first 20 doors are included with the base license.	Unlock seamless access to the latest features, updates and ongoing support.
Virtual	Base license ¹	1-door pack UA-SW-LIC-1DOORS	Up to 250 doors
Professional	Individual add-ons	10-doors pack UA-SW-LIC-10DOORS	Up to 1,000 doors
Enterprise	All add-ons	100-doors pack UA-SW-LIC-100DOORS	Up to 2,000 doors
Enterprise Plus		1,000-doors pack UA-SW-LIC-1000DOORS	Up to 4,000 doors

¹ Required selections

		BASE LICENSE Max. number of objects	ADD-ON ² Max. number of objects
Data & templates	Standard Collaborations	2	1,000
	Identity profiles	5	1,000
	Badging templates	2	1,000
Availability / network	Partition	5	1,000
	Replication	1	100
	Auto-failover	✓	✓
Situational awareness	Scenes	20	1,000
	Areas	10	1,000
	Virtual stations	5	1,000
	Global actions	50	1,000
Integrations	REST	✓	✓
	3rd-party video integration	-	✓
	Biometric enrolment	-	✓
	Intrusion panels	-	50

² Actual limits will depend on the hardware environment. Please reach out to your sales representative or [contact us](#) for recommendations.



Unity Access System

Designed to help you focus on securing your people, property and assets, while giving you the flexibility to respond to alerts wherever you are.



Specifications

EDITION	PROFESSIONAL	ENTERPRISE	ENTERPRISE PLUS	VIRTUAL UA-SW-LIC-APP-VIRTUAL-VMWARE UA-SW-LIC-APP-VIRTUAL-HYPERV
PART NUMBER	UA-APP-PRO-7	UA-APP-ENT-7	UA-APP-ENT-PLUS-7	
	Ideal for small systems	Ideal for medium systems	Ideal for large systems	Ideal for private virtual environments
Appliance Type	Small form factor, desktop	1U rack mount chassis		VMware vSphere® ESX(i) 6.5+ ¹ or Microsoft Hyper-V
Max. Number of Doors	Up to 50	Up to 400	Up to 4,000 ²	Up to 4,000+
Max. Simultaneous Operators	10	20	50	
Max. Identities	75,000	250,000	500,000	
Max. Stored Transactions	75,000,000	150,000,000		
Storage	500 GB (7.2K RPM SATA)	1 TB (7.2K RPM SATA 6 Gbps)	1.3 TB (4 x 480 GB SSD RAID5)	1 TB SSD ¹
Processor	3.7 GHz Intel Pentium® 5400 (4 MB cache, 2C/4T, 65 W)	Intel Xeon E-2124 3.3GHz, 8M cache, 4C/4T, turbo (71W)	3.8 GHz Intel Xeon E3-1270 v6 (8 MB cache, 4C/8T, Turbo, 72 W)	3.8 GHz Intel Xeon E3-1270 v6 (8 MB cache, 4C/8T)
Memory	4 GB (1 x 4 GB) (2.6 GHz DDR4 Non-ECC)	8GB 2666MT/s DDR4 ECC UDIMM	32 GB (2 x 16 GB) (2400 MT/s DDR4 UDIMMs)	32 GB ¹
Network Interface	1 Gigabit Ethernet Intel	1 Gigabit Ethernet Broadcom 5720		1 Gigabit Ethernet ¹
RAID & Hot-Swap Components	No		Yes	Yes ¹

Learn more



¹ System recommendations.

² Actual limits will depend on the hardware environment. Please reach out to your Sales Representative for recommendations.

Controllers & Sub-panels

Avigilon is a Platinum Elite Mercury Security Partner. With Mercury hardware options for small to enterprise level systems, deploying and managing your Unity Access system has never been more intuitive and flexible as it is today.



Details

MODEL NAME	CONTROLLERS	INTERFACE MODULES	I/O MODULES
PART NUMBER	AC-MER-CONT-MP1501 AC-MER-CONT-MP1502 AC-MER-CONT-MP2500 AC-MER-CONT-MP4502 Support for legacy EP and LP Mercury controllers	AC-MER-CON-MR52 AC-MER-CON-MR50 AC-MER-RIM-MR62E	AC-MER-CON-MR16IN AC-MER-CON-MR16OUT
Features	Manage anywhere from 17 to 64 readers Enhanced data security with embedded crypto memory chip Latest cybersecurity Performance and memory improvements Next generation firmware with Mercury OS 2.x Backwards compatibility with Unity Access via legacy mode	Low-cost and high-performance for all I/O needs Manage multiple controlled openings with auxiliary point control and monitoring Provide access control and security monitoring using any of the Mercury controllers connected to the Unity Access system Enhanced data security with embedded crypto memory chip	Monitor high concentrations of inputs and outputs with the Unity Access system Compact footprint and RS-485 connectivity Capable of supporting 16 general-purpose dry-contact inputs or outputs Supports being clustered or distributed to suit the installation environment

Learn more





Readers & Credentials

The Unity Access system offers trusted and secure door readers and multipurpose credential options to keep security at the forefront of your facility.



Details

MODEL NAME	AVIGILON SE CREDENTIALS	AVIGILON SIGNO CARD READERS	AVIGILON SEOS CREDENTIALS
PART NUMBER	AC-HID-CARD-ICLASS-SE-3000-AVG AC-HID-CARD-ICLASS-SE-3000-AVG-NL	AC-HID-READER-SIGNO-40TKS-0X-00001H-AVG ¹ AC-HID-READER-SIGNO-20TKS-01-00001H-AVG AC-HID-READER-SIGNO-20KTKS-01-000000-AVG AC-HID-READER-SIGNO-40KTKS-01-000000-AVG	AC-HID-CARD-SEOS-5006PGCMN-AVG AC-HID-CARD-SEOS-5006PGGMN-AVG AC-HID-FOB-SEOS-5266PNNA-AVG
Features	Purposefully designed for the Unity Access system Advanced 56-bit format provides multiple levels of security	Highly versatile with support for the widest range of credential technologies, including HID Mobile Access Ultra secure storage of cryptographic keys on certified secure element hardware Includes out-of-the-box support for Open Supervised Device Protocol (OSDP) for secure bidirectional communication	Leverages advanced Seos credential technology by HID Global, allowing seamless migration to a higher standard of security and functionality Advanced 56-bit format provides multiple levels of security Available in logo card, non logo card or FOB

Learn more  

¹ We support -00/01/02/03

For a full list of part numbers, contact your [local sales representative](#).



Readers & Credentials

The Unity Access system offers trusted and secure door readers and multipurpose credential options to keep security at the forefront of your facility.



Details



MODEL NAME	FARPOINTE DATA CONEKT READERS AND CREDENTIALS	FARPOINTE DATA DELTA READERS	FARPOINTE DATA RANGER READERS	FARPOINTE DATA GUARDIAN READERS	FARPOINTE DATA GIBRALTAR READERS	FARPOINTE DATA PYRAMID READERS
PART NUMBER	AC-FP-READ-CSR-35L-OSDP AC-FP-READ-CSR-35L-WG	AC-FP-READ-DELTA3-CSN AC-FP-READ-DELTA3-SECTOR AC-FP-READ-DELTA5-CSN AC-FP-READ-DELTA5-SECTOR AC-FP-READ-DELTA5.3-CSN AC-FP-READ-DELTA5.3-SECTOR AC-FP-READ-DELTA6.4-CSN AC-FP-READ-DELTA6.4-SECTOR	AC-FP-REC-LONG-RANGE-WRR-22 AC-FP-REC-WRR-44	AC-FP-READ-GUARDIAN-VR-P-403-HA AC-FP-READ-GUARDIAN-VR-P-405-HA AC-FP-READ-GUARDIAN-VR-P-410-HA	AC-FP-READ-GIBRALTER-BR-P-455-HA AC-FP-READ-GIBRALTER-BR-P-453-HA	AC-FP-READ-P-300-H AC-FP-READ-P-300-H-A AC-FP-READ-P-500-H AC-FP-READ-P-500-H-A AC-FP-READ-PROX-EURO-P-530-HA AC-FP-READ-PROX-KEYPAD-P-620-HA AC-FP-READ-P-640-H AC-FP-READ-P-640-H-A AC-FP-READ-P-710-H AC-FP-READ-P-710-H-A AC-FP-READ-P-900-H AC-FP-READ-P-900-H-A
Features	<ul style="list-style-type: none"> Enables smart-phones to be the access credential with a secure smart-phone wallet app Readers read Conekt BLE mobile credentials as well as traditional physical credentials Supports industry standard and custom formats 	<ul style="list-style-type: none"> Enhanced smartcard encryption and optional DESFire EV1 and EV2 support Supports industry standard interfaces Based upon the world-standard MIFARE technology, ideal for ISO14443 applications Installs indoors or outdoors 	<ul style="list-style-type: none"> Exceptionally long read range—up to 200 ft (61 m) Ideal for parking facilities, gated communities, marinas and more Supports industry standard electronic access control interfaces 	<ul style="list-style-type: none"> Vandal-resistant with thick polycarbonate material, epoxy potted electronics and tamper proof screws Suited for schools, inner-city environments, correctional facilities, or where heavy machinery is operated 	<ul style="list-style-type: none"> Vandal-resistant with stainless steel built and reinforced with a bullet-resistant Shot Blocker insert and tamper proof screws Suited for schools, correctional facilities, housing authorities, and where heavy equipment is operated 	<ul style="list-style-type: none"> Outstanding read range and excellent read speed Mounts to most surfaces, including metal Installs indoors or outdoors Supports industry standard interfaces

For full list of part numbers including credentials, contact your [local sales representative](#).

Learn more





Readers & Credentials

The Unity Access system offers trusted and secure door readers and multipurpose credential cards to keep security at the forefront of your facility.



Details



MODEL NAME	SCHLAGE MOBILE ENABLED MULTI-TECHNOLOGY READERS	SCHLAGE MULTI-TECHNOLOGY READERS	SCHLAGE SMART CARD READERS	SCHLAGE PROXIMITY READERS	SCHLAGE WIRELESS READERS	SCHLAGE ENROLLMENT READERS
PART NUMBERS	AC-SCH-READER-MTB11 AC-SCH-READER-MTB15 AC-SCH-READER-MTKB15	AC-ING-READ-APTIQ-MULL-MT11 AC-ALL-READ-APTIQ-OSDP-MULL-MT11-485 AC-ING-READ-APTIQ-SNG-MT15 AC-ALL-READ-APTIQ-OSDP-SNG-MT15-485 AC-ING-READ-APTIQ-KEYPD-MTK15 AC-ALL-READ-APTIQ-OSDP-KEYPD-MTK15-485 AC-ALL-READ-APTIQ-WIEGAND-MTMSK15	AC-ING-READ-APTIQ-MINI-SM10	AC-ING-READ-XCEEDID-PROX	AC-ALL-SCH-WPR400-MT	AC-ING-READ-APTIQ-ENROLL-MT20
Features	<p>Eases the transition from existing proximity systems to secure encrypted card technologies or mobile solutions</p> <p>Supports Schlage Mobile Access Credentials (BLE) and Near Field Communication (NFC)</p> <p>Offers support for Apple's Enhanced Contactless Polling (ECP) for Apple Wallet and Google Pay credentials</p>	<p>Recognizes magnetic stripe, proximity, Schlage smart card and NFC-enabled smart devices</p> <p>Works with industry standards and common access control system interfaces</p>	<p>Sleek, compact and cost-effective for high-security applications</p> <p>Mini-mullion design is ideal for installation in tight spaces</p> <p>Meets applicable ISO standards to integrate with many access control systems</p> <p>Mutually authenticated in communication between the card and reader for optimum security</p>	<p>Sleek, compact and cost-effective for applications requiring lower security</p> <p>Mini-mullion design is ideal for installation in tight spaces</p> <p>Recognizes most industry leading 125 kHz proximity credentials</p> <p>Easily integrates into existing legacy proximity systems and are compatible with new installations</p>	<p>Quickly extend a facility's access control to remote locations</p> <p>Battery-operated device that can be handheld or placed in a temporary location for credential verification</p> <p>LED indicator visually confirms credential verification or rejection</p> <p>Utilizes the same credential reader modules offered with an AD Series lock</p>	<p>Simplifies enrollment of smart and multi-technology credentials in "No-Tour" multifamily applications</p> <p>Program encrypted credentials, such as a keyfob, over Wi-Fi or USB connection to PC</p> <p>When presented at a lock by the user, the pre-programmed credentials automatically update the lock database</p>

For full list of part numbers including credentials, contact your [local sales representative](#).

Learn more





Readers & Credentials

The Unity Access system offers trusted and secure door readers and multipurpose credential cards to keep security at the forefront of your facility.



Details



MODEL NAME	STid ARCHITECT® BLUE READERS	STid ARCHITECT® BLUE DESKTOP READER/ENROLLER	STid UHF & BLUETOOTH® MULTI-TECHNOLOGY READER	STid SWEDGE ENROLLMENT KITS	STid PROGRAMMING KITS	STid CREDENTIALS
PART NUMBER	AC-STID-READER-ARC1S-W33-B/BT1-70S/1A AC-STID-READER-ARC1S-R31-B/BT1-3i/1A AC-STID-READER-ARCS-W33-A/BT1-70S/1A AC-STID-READER-ARCS-W33-B/BT1-70S/1A AC-STID-READER-ARCS-W33-C/BT1-70S/1A AC-STID-READER-ARCS-W33-AQ/BT1-70S/1A AC-STID-READER-ARCS-W33-BQ/BT1-70S/1A	North America: AC-STID-ENROLL-READER-USB-ARCS-R35-H/BT1-5AQ/1A Europe: AC-STID-ENROLL-READER-USB-ARCS-R35-H/BT1-5AB/1A	US UPPER-BAND: AC-STID-READER-SNA-W53-A/BT4-70S/1 EUROPE LOW-BAND: AC-STID-READER-SNA-W43-A/BT4-70S/1	North America: AC-STID-ENROLL-READER-UHF-SWEDGE-W55 Europe: AC-STID-ENROLL-READER-UHF-SWEDGE-W45	ARCHITECT® BLUE PROGRAMMER: AC-STID-ARCHITECT-PROGRAMMING-KIT-SECARD-BT SPECTRO NANO PROGRAMMER: AC-STID-SPECTRE-PROGRAMMING-KIT-ULTRYSV2	AC-STID-CARD-NONPROGRAMMED-CCTW670 AC-STID-KEYFOB-NONPROGRAMMED-PCGW671 AC-STID-TAG-UHF-WINDSHIELD-ETA-W75B-574BE10
Features	Wide range of sizes and features: mullion or standard readers, capacitive keypad or touchscreen readers, and more Various mobile identification modes available Secure readers with RFID and Bluetooth® technologies	Designed for all short-range contactless encoding, enrollment and identification applications	Compact UHF and Bluetooth® reader Secures and eliminates vehicle access lines	Easy enrollment of all UHF identifiers by keyboard emulation Includes desktop reader and SWEDGE software	Software kits to configure non programmed readers	Designed for all access control and high security identification applications Several chip technologies available to meet all access control needs

Learn more



For full list of part numbers including credentials and MSI-programmed versions, contact your [local sales representative](#).

Power Supplies

Avigilon's high-efficiency, cost-effective power supplies from Altronix, Elmdene and LifeSafety Power provide all the power needed for up to 16-door applications.



Details

MODEL NAME	ALTRONIX	ELMDENE ¹	LIFESAFETY POWER
PART NUMBER	AC-ALX-TAV400K6D AC-ALX-TAV400K7D AC-ALX-T1AVK1F4SD AC-ALX-T2AVK3F8D AC-ALX-T3AVK75F16D AC-ALX-CUSTOM*	AC-ELM-1DR AC-ELM-2DR AC-ELM-4DR AC-ELM-4/12DR-EXP AC-ELM-12DR AC-ELM-4/12DR-EXP-LCK AC-ELM-ACCESS-EXP-PLATE	AC-LSP-XDR-MER AC-LSP-XDR-MER-LCK All Mercury and SALTO LSP enclosures available (including ProWire and rack mounted) Contact your local Sales Representative for more information
Max. Number of Doors Supported	2 door, single voltage 2 door, dual voltage 4 door, dual voltage 8 door, dual voltage 16 door, dual voltage Other kits, parts & accessories	1DR: 1 2DR: 2 4DR: 4 12DR: 12	2DR: 2 4DR: 4 8DR: 8 16DR: 16 24DR: 24
Features	Trove backplanes are available to accommodate Avigilon systems that utilize HID/VERTX controllers Removable backplanes allow you to configure and test your system before going on-site Trove enclosures come in three sizes, with ample room for wiring and batteries	Designed to house Mercury Security controllers 13.8 VDC 4A output supplies continuous full rated current to load Additional 0.5A to charge standby battery Modular construction for ease of maintenance and installation	Designed to house Mercury Security controllers Separate 24 VDC circuit provides lock power within the same enclosure, saving the cost of added hardware and installation time

¹ Not available in the US

Learn more





Wireless Lock Integrations

The Unity Access system seamlessly integrates with third-party wireless locks for you to combine all of the components of an access controlled door into a simplified all-in-one system that saves time and costs.



Details

MODEL NAME	SCHLAGE AD SERIES LOCKS	SCHLAGE PIM400 & PIM300	SCHLAGE LE/B & NDE/B LOCKS	VON DUPRIN RU/RM CRASHBARS
PART NUMBER	AC-SCH-AD400-CUSTOM AC-SCH-AD300-CUSTOM (Wired) AC-SCH-993-CUSTOM (Crashbar)	AC-ALL-SCH-PIM400-485-RSI AC-ALL-SCH-PIM400-1501-LC AC-ALL-SCH-PIM400-TD2 AC-ALL-SCH-PIB300-2D	AC-SCH-NDE-CUSTOM AC-SCH-LE-CUSTOM	AC-SCH-RU-VOND-3-47258681 AC-SCH-RU-VOND-4-47258682 AC-SCH-RM-VOND-3-47258683 AC-SCH-RM-VOND-4-47258684
Features	<p>Upgrade to new technologies without taking locks off the door</p> <p>Cylindrical, mortise, mortise deadbolt and exit trim chassis options</p> <p>Built-in credential reader and access control sensors for simplified installation</p> <p>FIPS 201-2 compliant</p>	<p>Standard IP addressable intelligent controller for up to 16 AD Series wireless devices</p> <p>Manage up to 240,000 cardholders and 50,000 transactions in memory</p> <p>PoE compliant to IEEE 802.3af</p>	<p>Affordably extend electronic access control deeper into your facility</p> <p>Packaged with credential reader and access control sensors for simplified installation</p> <p>LE mortise locks can be ordered with LED indicator, interior push button (IPB) or deadbolt for tailored applications</p> <p>NDEB cylindrical locks can be ordered with IPB to extend the lock to include storeroom, office, privacy and apartment applications</p>	<p>Provide greater perimeter security for K-12 schools</p> <p>Enable remote undocking and door status monitoring</p> <p>Modular kit retrofits existing 98/99 and 33A/35A series devices</p>
Communications supported	<p>AD400: Mercury to PIM then 900 MHZ to lock</p> <p>AD300: Mercury via RS-485 to lock</p>	<p>AD400: uses PIM400-458 and PIM400-1501-LC or PIM400-TD2 via wiegand</p> <p>AD300 used RS-485 or PIB300-2D</p>	<p>NDEB and LEB: Wifi direct to Unity Access</p> <p>Mercury to Gateway then wireless Bluetooth NDEB or LEB</p>	<p>RU/RM: via Gateway direct via POE to Unity Access</p>

Learn more



Not all wireless locks products are available in all regions, please contact your [local sales representative](#) to confirm availability.



Wireless Lock Integrations

The Unity Access system seamlessly integrates with third-party wireless locks for you to combine all of the components of an access controlled door into a simplified all-in-one system that saves time and costs.



Details

MODEL NAME	SALTO SPACE VIRTUAL NETWORK (SVN) DATA-ON-CARD SYSTEM	SALTO CONTROLLERS	XS4 ORIGINAL	XS4 MINI ANSI	XS4 LOCKER LOCK	NEOXX PADLOCK G4 AND G3
PART NUMBER	Contact your local sales representative					
Features	<p>Streamline access management for high door density facilities with access data on the card</p> <p>Update cards quickly with RFID technology</p> <p>Locks can securely read, receive and write information to ensure access rights are updated</p> <p>Issue SALTO JustIn Mobile credentials from Unity Access to manage access rights over-the-air</p> <p>Real time communication via mobile credential where mobile device is controller</p>	<p>Online networked door controller</p> <p>Connection for two readers on board</p> <p>Two reader downstream panels via RS-485 connection for up to 10 doors off a controller</p> <p>4 relay outputs</p> <p>6 inputs</p>	<p>Unique, simple to install and retrofit, and featuring a sleek design</p> <p>BLUeNet Wireless cutting-edge real-time technology and newly-developed and powerful SVN-Flex capability engine</p> <p>Compatible with Salto Space data-on-card, Salto KS Keys as a Service cloud-based access solution, and Salto's JustIn Mobile technology for digital keys</p> <p>Includes RFID NXP MIFARE®, Bluetooth LE, and NFC technology functionality</p>	<p>Designed to meet ANSI A156.2 Grade 1 or 2 cylindrical latch requirements</p> <p>High security via high resistance, hardened anti-drill protection</p> <p>Includes RFID, Bluetooth LE, and NFC technology functionality</p>	<p>XS4 Locker lock is perfect for controller access to lockers, cabinets, cupboards, boxes and show cases</p> <p>Offline or online capability</p> <p>Outer thumbturn with red/green indicator for availability of the locker</p> <p>Comes with BioCote antimicrobial technology</p> <p>Compatibility with cards, fobs or mobile credentials for real time audi</p>	<p>Neoxx padlocks are the ultimate smart locking solution</p> <p>Built to withstand all access needs, the Salto Neoxx Padlock series offers a unique solution ideal for utility and critical infrastructure security – electric power stations, telecom network services, industry applications</p> <p>Property services that need an additional level of security to control specific doors like gates or storages, without losing convenience or control.</p> <p>As portable as conventional padlocks, the Neoxx Padlock's security is enhanced by removing any lock's most vulnerable part – the mechanical key</p>

For a full list of part numbers, contact your [local sales representative](#).

Learn more

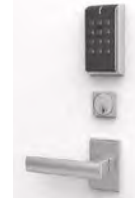




Wireless Lock Integrations

The Unity Access system seamlessly integrates with third-party wireless locks for you to combine all of the components of an access controlled door into a simplified all-in-one system that saves time and costs.

ASSA ABLOY



Details

MODEL NAME	ASSA ABLOY APERIO LOCKS	ASSA ABLOY WI-FI LOCKS	ASSA ABLOY POWER OVER ETHERNET (POE) LOCKS
PART NUMBER		Contact your local sales representative	
Features	<p>Deploy in a wide range of applications including offices, server cabinets, storage lockers, drawers, glass doors and more</p> <p>Flawless integration with Mercury controllers to provide real-time access and audit</p> <p>Support the use of HID Mobile credentials to access doors using a mobile device</p>	<p>Suited for hard-to-wire locations</p> <p>Reduce installation time and costs by utilizing existing Wi-Fi</p> <p>Easy transition to higher security credentials such as HID Mobile and government-issued PIV with HID Global multiCLASS SE technology</p>	<p>Enable easy and cost-effective installations into existing infrastructure</p> <p>Set up real-time communication by utilizing IEEE 802.3af PoE-enabled network infrastructure</p> <p>Support multiple credential types such as HID Mobile, for a secure solution with multiCLASS SE technology</p> <p>Privacy button allow shelter in place/ local lockdown</p>
Communication	<p>Aperio locks run on a wireless 2.4 GHz frequency back to hubs</p> <p>Connection via Mercury to AH30 Gen 5 RS-485 hub, or to AH40 Gen 5 POE Hub or via AH20 Wiegand 1 to 1 hub</p>	<p>WiFi locks communicate via Wi-Fi on 2.5 Ghz frequency</p> <p>WiFi locks connect to Assa DSR [Door Service Router] which communicates via network to Unity Access</p>	<p>POE locks communicate via POE network connection</p> <p>POE locks connect to Assa DSR [Door Service Router] which communicates via network to Unity Access</p>

Available in the United States and Canada only.

Learn more





Federal Government Solutions

Currently supported in Unity Access (formerly ACM) 6. Unity Access 7 certification coming soon.

The Unity Access system is FIPS 201-2 compliant and is a certified solution on the GSA Approved Product List, meeting the Personal Identity Verification requirements mandated for U.S. federal employees and contractors. Customers can conveniently and reliably purchase all components of this fully compliant, GSA-approved FICAM solution directly from Avigilon.



Details

MODEL NAME	UNITY ACCESS SOFTWARE	HID PIVCLASS SOFTWARE	CONTROLLERS & SUB-PANELS	HID PIVCLASS AUTHENTICATION MODULE (PAM)	HID PIVCLASS READERS
APL Approved Products	APL #10122 Avigilon PACS software Unity Access (ACM) 6.50.6 or below	Validation System APL# 10123 pivCLASS Registration Engine for Unity Access pivCLASS Certificate Manager, Release 5.12.0 pivCLASS Reader Services, Release 5.12.0 pivCLASS IDPublisher, Release 5.12.0	APL #10122 HID LP4502 Intelligent Two Door System Controller with pivCLASS Embedded Authentication (Software 1.29.1, Firmware 5.11.38) HID LP2500 Intelligent Controller (Firmware 1.29.1) HID LP1502 Intelligent Controller (Firmware 1.29.1) HID MR52-S3 Two Reader Interface Module (Firmware 3.21.0) HID MR62e Reader Interface Module (Firmware 3.21.x)	Validation System APL# 10123 pivCLASS Authentication Module	Embedded Configuration pivCLASS RP40 Contactless Reader VAS0300 Rev. B.1 (APL# 10003) pivCLASS RK40 Contactless Reader VAS0300 Rev. B.1 (APL# 10004) pivCLASS RPK40 Contact/Contactless Reader VAS0300 Rev. B.1 (APL# 10005) pivCLASS R40 Contactless Reader VAS0300 Rev. B.1 (APL# 10006) pivCLASS RKCL40 Contact/Contactless Reader VAS0300 Rev. B.1 (APL# 10007) pivCLASS RPKCL40 Contact/Contactless Reader with PIN VAS0300 Rev. B.1 (APL# 10008) Authentication Module Configuration pivCLASS RP40 Contactless Reader (APL#10003) pivCLASS RK40 Contactless Reader + PIN (APL# 10004) pivCLASS RPK40 Contactless Reader + PIN (APL# 10005) pivCLASS R40 Contactless Reader (APL# 10006) pivCLASS RKCL40 Contact/Contactless Reader with PIN (APL# 10007) pivCLASS RPKCL40 Contact/Contactless Reader with PIN (APL# 10008) pivCLASS RPKCLB40 Contact/Contactless Reader with PIN & BIO (APL# 10026) pivCLASS RKCLB40 Contact/Contactless Reader with PIN & BIO (APL# 10052) pivCLASS R10 Contactless Reader (APL# 10085)

Learn more



Biometric Solutions

The integration of Unity Access with biometric reader technology provides further safeguards to high security environments with an extra form of identification.



Details

MODEL NAME	SAFR	VIRDI BIOMETRIC ACCESS READERS
Part Number	AC-SAFR-RDR-SFR-SC100 AC-SAFR-RDR-SFR-SC200-RF AC-SAFR-RDR-SFR-SC50-10-L	AC-VT-READ-BIO-RFID-AC5000SC-BLK AC-VT-READ-BIO-RFID-AC2000SC AC-VT-READ-BIO-USB-FOH02-SC
Features	Authenticates up to 60 people per minute with industry-leading speed	Detect fingerprints quickly and accurately and discern fake biometric attempts for high security environments
	Offers dual-factor security combining facial recognition and mobile credentials	Easily set-up and manage biometric identities directly from the Unity Access system
	Prevents unauthorized entry with accurate tailgating detection	Get real-time visibility into current risk position and reduce unauthorized access
	Features robust anti-spoofing and rapid liveness detection	

Learn more





Visitor Management

Unity Access integrates with HID Global's EasyLobby Secure Visitor Management software, which allows organizations to automate the entire process of registering a visitor, printing a badge and capturing detailed information in seconds by simply scanning an ID.



Details

MODEL NAME	UNITY ACCESS INTEGRATION WITH HID GLOBAL EASYLOBBY SOFTWARE	HID GLOBAL SNAPSHELL LICENSE CARD SCANNER	ASSURETEC ID-150 CARD SCANNER	DYMO 550
Part Number	AC-HID-EL-96000-SVM10	AC-HID-EL-SS-R2	AC-HID-EL-AST-ID150	AC-HID-EL-DYMO-550
Features	<p>EasyLobby visitor records are automatically updated to Unity Access with identity information</p> <p>Streamlines enrollment with pre-registration or self-registration options</p> <p>Improves security by identifying who is in a facility quickly and accurately, especially in emergency situations</p> <p>Conduct analysis and reporting on visitor data, quickly and easily</p>	<p>Leverages Optical Character Recognition (OCR) to read driver's licenses and ID cards quickly and accurately</p> <p>Easy-to-use with no moving parts and compact design takes up minimal counter space</p>	<p>Reads and verifies identity documents such as driver's licenses and IDs quickly and accurately, including the photo</p>	<p>Prints temporary badges for increased security and visibility of visitors</p> <p>Eliminates the cost of ink or toner with direct thermal printing technology</p>

Learn more





Intrusion Panels Integration

Centrally monitor and control intrusion objects and access events from the Unity Access system for visual verification of alerts and faster responses. Operators can manually arm or disarm areas and leverage Unity Access capabilities to automate the intrusion system with access control events.



Details

Model Name	BOSCH INTRUSION INTEGRATION	DMP INTRUSION INTEGRATION
Part Number	Part of the All-In Add-on or Integrations Add-on UA-SW-LIC-INTEGRATIONS-ADDON UA-SW-LIC-ALL-IN-ADDON	Part of the All-In Add-on or Integrations Add-on UA-SW-LIC-INTEGRATIONS-ADDON UA-SW-LIC-ALL-IN-ADDON
Supported Panels	Mid-range: B3512, B4512, B5512, B6512 Commercial: B8512G, B9512G, D9412GV4 V2, D7412GV4	XR150, XR550
Features	<p>Workflow automation</p> <hr/> <p>Increased situational awareness and faster response</p> <hr/> <p>Quicker verification of intrusion events via live video triggers</p> <hr/> <p>Increased Security And Convenience With Intrusion Area Control</p> <hr/> <p>Available from anywhere and at any time from mobile devices</p> <hr/> <p>No additional access hardware or wiring required – connects to IP networks</p>	

Learn more





Alta Access Control

The Avigilon Alta cloud-native access control system is fast, flexible and future-proof. Enhance security and improve awareness seamlessly with intuitive software, modern readers, and user-friendly mobile credentials. Choose from a range of options designed to secure anything from a single door up to a global enterprise.



Avigilon Alta Access

The cloud-native Avigilon Alta Access is an intuitive access control system, designed to make managing security for any number of users, sites and devices easier. Available in Basic, Premium, and Enterprise levels, and equipped with robust security features on a fully remote, cloud-based management platform.

Specifications

EDITION	BASIC	PREMIUM	ENTERPRISE
Part Number	SW-BSC-P1 SW-BSC-P5 SW-BSC-P10 SW-BSC-P25 SW-BSC-P100 SW-BSC-P1000	SW-PRM-P1 SW-PRM-P5 SW-PRM-P10 SW-PRM-P25 SW-PRM-P100 SW-PRM-P1000	SW-ETP-P1 SW-ETP-P5 SW-ETP-P10 SW-ETP-P25 SW-ETP-P100 SW-ETP-P1000
API, Webhooks, Mobile SDK	✓	✓	✓
Lifetime warranty	✓	✓	✓
Alerts	✓	✓	✓
Reports	✓	✓	✓
Lockdown ¹	Standard	Flexible	Flexible
Occupancy management		✓	✓
Enhanced role management		✓	✓
Rules Engine	Basic	Advanced	Advanced
Custom user fields		✓	✓
VMS Integrations with Milestone and Cisco meraki	A la carte	✓	✓
Custom badge printing	A la carte	✓	✓
Muster Reports		✓	✓
Alarm Management		✓	✓
Custom dashboards		✓	✓
Static Cloud IP			✓
Live Support	24/7	24/7	24/7
API/Webhook consultation	Integration only	1 hour/month	Unlimited

¹ Flexible Lockdown is included at no additional charge for all 501(c)3 organizations.

Key features



Simplified access with touchless mobile credentials



Secure-by-default with end-to-end encryption and automatic updates



Advanced reports and custom dashboards



Occupancy management to automate and enforce capacity limits in real time



Scalable support for unlimited users, sites, roles and groups



Custom alerts and triggers to stay on top of critical access events



Integrations and App Marketplace

Learn more





Avigilon Smart Reader

Sleek proximity reader that features best-in-class door access. Compatible with mobile devices, cards, fobs, NFC, WiFi and Bluetooth®.



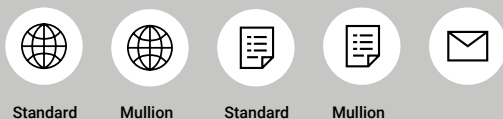
Specifications

MODEL NAME	AVIGILON STANDARD SMART READER V2	AVIGILON MULLION SMART READER V2
Part Number	OP-R2X-STND	OP-R2X-MULL
Card compatibility	Openpath DESFire EV3 MIFARE Classic/DESFire/Ultralight (ISO14443A) CSN Openpath Proximity HID proximity LenelProx	
Security	Encrypted communications between mobile app and controller Fully encrypted communication between Openpath key cards and reader Eliminate thread of copying or cloning Openpath key cards Includes tamper resistant secure storage	
System Compatibility	Reader works with Alta Access Control, including Avigilon controllers, Alta Access software, and mobile app Reader works with legacy access control systems via Mobile Gateway option Support for Apple Enhanced Contactless Protocol (ECP)	
Cloud Management	Yes	
Form	Standard	Mullion
Frequency	125 kHz, 13.56 MHz	
Openpath Bluetooth	Yes	
Auto proximity unlock	Yes	
Standards	ISO 14443A, Prox	
Certification	CE, FCC, UL 294, UKCA	
Environmental	IP65	
Dimensions	With back cover, no gang box: 7.4 x 12.0 x 2.3 cm With back cover, on gang box: 7.4 x 12.0 x 1.1 cm	4.3 x 11.9 x 2.2 cm

Key features

- Touchless access, with Triple Unlock technology
- Modern design seamlessly blends into or upgrades the aesthetics of any entry
- Indoor/outdoor design
- Supports auxiliary Wiegand readers connected through the Avigilon reader
- Functions seamlessly with the mobile app, available on iOS and Android
- Works with Smart Watches in addition to mobile app
- Supports remote unlocking with user-level privileges
- Lifetime warranty

Learn more



Standard

Mullion

Standard

Mullion

Avigilon Standard Smart Reader Accessories

PRODUCT NAME	PART NUMBER
Standard Smart Reader Cover in white	OP-CVR-W



Avigilon Smart Keypad Reader

Avigilon Smart Keypad Readers combine all the capabilities of the Avigilon Smart Readers while revolutionizing PIN code access and supporting multi-factor authentication. Designed for ease of use for both credentialed users and visitors, readers have a durable, capacitive touch keypad that prevents wear-and-tear and spoofing.



Specifications

MODEL NAME	AVIGILON STANDARD SMART KEYPAD READER	AVIGILON MULLION SMART KEYPAD READER
PART NUMBER	OP-RKP-STND	OP-RKP-MULL
	Openpath DESFire EV3	
	MIFARE Classic/DESFire/Ultralight (ISO14443A) CSN	
Card compatibility	Openpath Proximity	
	HID proximity	
	LenelProx	
	Encrypted communications between mobile app and controller	
	Fully encrypted communication between Openpath key cards and reader	
Security	Eliminate thread of copying or cloning Openpath key cards	
	Includes tamper resistant secure storage	
	Fully encrypted PIN transmission between reader and controller	
	Reader works with Alta Access Control, including Avigilon controllers, Alta Access software, and mobile app	
System Compatibility	Reader works with legacy access control systems via Mobile Gateway option	
	Support for Apple Enhanced Contactless Protocol (ECP)	
Cloud Management	Yes	
Form	Standard	Mullion
Frequency	Bluetooth LE (2402 - 2480MHZ): 2 dBm	
Openpath Bluetooth	Yes	
NFC	Yes	
Wave to Unlock/Touch	Yes	
Auto proximity unlock	Yes	
Standards	ISO 14443A, Prox	
Certification	FCC, CE, ISED/IC, UL294, IP65	
Environmental	IP65	
Dimensions	With standard brack, no back plate, on gang box: 11 x 12 x 1.2 cm	4.4 x 18.4 x 2.4 cm
Installation Options	Flush mounted with US gang box, surface mounted on wall, surface mounted with EU gang box	Surface mounted on wall or door frame

Key features



Modern design seamlessly blends into or upgrades the aesthetics of any entry



Indoor/outdoor design



Supports auxiliary Wiegand readers connected through the Avigilon reader



Functions seamlessly with the mobile app, available on iOS and Android



Works with Smart Watches



Supports remote unlocking with user-level privileges



Supports PIN functionality



Supports two-factor authentication (2FA) & multi-factor authentication (MFA)

Learn more



Standard



Mullion





Avigilon Embedded USB smart reader

The Avigilon Embedded USB Smart Reader combines the functionality of a USB printer reader, desktop enrollment reader and embedded module into one device. The reader supports multiple touchless access methods, including Wave to Unlock, in-app and remote unlocks, and unlocking via a smart watch.



Specifications

MODEL NAME	AVIGILON EMBEDDED USB SMART READER
PART NUMBER	OP-R2X-EMBD
	Openpath DESFire EV3
	MIFARE Classic/DESFire/Ultralight (ISO14443A) CSN
Card compatibility	Openpath Proximity
	HID proximity
	LenelProx
	Encrypted communications between mobile app and controller
Security	Fully encrypted communication between Openpath key cards and reader
	Eliminate threat of copying or cloning Openpath key cards
	Includes tamper resistant secure storage
System Compatibility	Reader works with Alta Access Control, including Avigilon controllers, Alta Access software, and mobile app
	Reader works with legacy access control systems via Mobile Gateway option
Cloud Management	Yes
Form	Mini
Frequency	125 kHz, 13.56 MHz
Openpath Bluetooth	Yes
NFC	Yes
Wave to Unlock/Touch	Yes
Auto proximity unlock	Yes
Standards	ISO 14443A, Prox
Certification	CE, FCC, IC, IEC, IMDA, IP65, MOC, OFCA, SDPPI, SRRC, TDRA, UKCA, UL, ULC, RCM, WPC
Environmental	Indoor use only
Dimensions	With all tabs intact: 4.6 x 10.2 x 1.8 cm With outer tabs removed: 4.6 x 8.9 x 1.8 cm With all tabs removed: 4.6 x 7 x 1.8 cm Outer mounting hole pitch: 9.7 cm
Installation Options	Single gang box, embedded into a wall, inside turnstiles and elevators, or used at a desk or printer

Key features

-  Snap-off brackets support multiple mounting applications
-  USB port supports enrollment reader and secured printing functionality
-  Small size fits in turnstiles, elevators, kiosks and other embedded applications
-  Supports auxiliary Wiegant readers connected through the Avigilon reader
-  Functions seamlessly with the mobile app on Android and iOS
-  Works with Smart Watches
-  Supports remote unlocking with user-level privileges
-  Lifetime warranty

Avigilon Embedded USB Smart Reader Accessories

PRODUCT NAME	PART NUMBER
Desktop Bracket for Embedded USB Smart Reader	OP-RSC-DESK

Learn more





Avigilon Video Reader Pro








The Avigilon Video Reader Pro combines the heightened security of a built-in high-resolution camera with the form factor of a mullion door reader. Automatically associate video footage with access events, alerts and motion, and visually monitor entries in the mobile app and the Control Center.



Specifications

MODEL NAME	AVIGILON VIDEO READER PRO
PART NUMBER	OP-VID-PRO-RDR
Card compatibility	Openpath DESFire EV3 MIFARE Classic/DESFire/Ultralight (ISO14443A) CSN Openpath Proximity HID proximity LenelProx
Security	Encrypted communications between mobile app and controller Fully encrypted communication between Openpath key cards and reader Eliminate thread of copying or cloning Openpath key cards Includes tamper resistant secure storage
System Compatibility	Video Reader Pro works with Alta Access Control, including Avigilon controllers, Alta Access software, and mobile app Video Reader Pro works with legacy access control systems via Mobile Gateway option and Standalone Mode Video Reader Pro works with third-party VMS software via open video standards
Cloud Management	Yes
Form	Mullion
Frequency	125 kHz, 13.56 MHz
Openpath Bluetooth	Yes
NFC	Yes
Wave to Unlock/Touch	Yes
Auto proximity unlock	Yes
Standards	ISO 14443A, Prox
Certification	FCC, UL 294, CE
Environmental	IP65
Dimensions	With Mullion bracket: 155 x 47 x 37 mm (6.1 x 1.85 x 1.45 in) With Standard bracket: 187 x 78 x 37 mm (7.36 x 3.07 x 1.45 in) Weight: 287 g (0.63 lbs)
Installation Options	Surface mounted on wall, mounted on gang box, or installed inside metal enclosure

Key features

-  High resolution built-in camera records entry activity
-  Adjustable camera angle for optimal footage
-  Supports Triple Unlock technology
-  Can connect to third-party legacy access control panel
-  Indoor/outdoor design
-  NDA compliant
-  5 year warranty

Video

Image sensor	1 / 2.5" 5MP CMOS
Resolution	5MP (2592 x 1944) recording at 25 fps
Compression	H.264, MJPEG
Bitrate	CBR, VBR, MBR
Focal Length	2.8mm (F1.6)
Field of View	Horizontal: 109°, Vertical: 81°, Diagonal: 136°
Min. Illumination	Color: 2.5 lux, B/W: 0.0 lux (IR LED on)
IR Range	9m (29.53ft)
Wide Dynamic Range	HDR (87dB)

Learn more





Avigilon Video Intercom Reader Pro

The Video Intercom Reader Pro combines all your front door security devices to provide live video, two-way audio, smart call routing and reliable touchless access.



Specifications

MODEL NAME	AVIGILON VIDEO INTERCOM READER PRO
PART NUMBER	OP-VID-PRO-INT
Card compatibility	Openpath DESFire EV3 MIFARE Classic/DESFire/Ultralight (ISO14443A) CSN Openpath Proximity HID proximity LenelProx
Security	Encrypted communications between mobile app and controller Fully encrypted communication between Openpath key cards and reader Eliminate thread of copying or cloning Openpath key cards Includes tamper resistant secure storage
System Compatibility	Video Intercom Reader Pro works with Alta Access Control, including Avigilon controllers, Alta Access software, and mobile app Video Intercom Reader Pro works with legacy access control systems via Mobile Gateway option and Standalone Mode Video Intercom Reader Pro works with third-party VMS software via open video standards, including ONVIF and RTSP
Cloud Management	Yes
Form	Mullion
Frequency	125 kHz, 13.56 MHz
Openpath Bluetooth	Yes
NFC	Yes
Wave to Unlock/Touch	Yes
Auto proximity unlock	Yes
Standards	ISO 14443A, Prox
Certification	FCC, UL 294, CE
Environmental	IP65
Dimensions	With Mullion bracket: 204 x 47 x 37 mm (8.02 x 1.85 x 1.45 in) With Standard bracket: 235 x 78 x 37 mm (9.25 x 3.07 x 1.45 in) Weight: 384 g (0.85 lbs)
Installation Options	Surface mounted on wall, mounted on gang box, or installed inside metal enclosure

Key features

-  High resolution built-in camera records entry activity
-  Smart intercom interface supports multiple configurations
-  Initiate and accept calls from the Control Center or Openpath app
-  Supports Triple Unlock technology
-  Can connect to third-party legacy access control panel
-  Indoor/outdoor design
-  NDA/TAA compliant
-  Five year warranty

Learn more



Video and audio

Image sensor	1 / 2.5" 5MP CMOS
Resolution	5MP (2592 x 1944) recording at 25 fps
Compression	H.264, MJPEG
Bitrate	CBR, VBR, MBR
Focal Length	2.8mm (F1.6)
Field of View	Horizontal: 109°, Vertical: 81°, Diagonal: 136°
Min. Illumination	Color: 2.5 lux, B/W: 0.0 lux (IR LED on)
IR Range	9m (29.53ft)
Wide Dynamic Range	HDR (87dB)
Audio Streaming	Two-way, full duplex with echo and noise cancellation
Audio Input/Output	Built-in microphone array, omni-directional; Built-in speaker
Audio Encoding	G.711u, G.711a, G.726



Avigilon Core Series Smart Hubs

The Avigilon Core Series Smart Hub is a modular access control unit that supports Avigilon Smart Readers. The Core Series Smart Hub features the Access Control Core (OP-ACC), expansion boards, and uses RS-485 wiring to connect to the Smart Readers and is powered by a built-in power supply.

Specifications



MODEL NAME	12/24V 4-DOOR CORE SERIES SMART HUB	12/24V 8-DOOR CORE SERIES SMART HUB	24V ELEVATOR CORE SERIES SMART HUB
PART NUMBER	SYS-4ENT-DVE1	SYS-8ENT-DVE2	20ENT-SYS-24V
Operate Voltage/Power	12-24VDC 1.25A @ 24VDC (with 4 Avigilon Readers) 0.7A @ 24VDC (with no readers)	12-24VDC 3.3A @ 12VDC (with 8 Avigilon Readers) 1.3A @ 12VDC (with no readers) 1.8A @ 24VDC (with 8 Avigilon Readers) 0.7 @ 24VDC (with no readers)	12-24VDC 12V: 825mA Max (with 2 Avigilon Readers) 12V: 325mA Max (with no readers) 24V: 470mA Max (with 2 Avigilon Readers) 24V: 190mA Max (with no reader)
Door Relays	4 relays, 5A @ 24VDC (resistive)	8 relays, 5A @ 24VDC (resistive)	16 elevator relays, 1A @ 24VDC, 0.3A @ 110VAC
Auxiliary Relays	2 relays, 1A @ 24VDC	4 relays, 1A @ 24VDC	N/A
Avigilon Readers	Up to 4 Avigilon Readers	Up to 8 Avigilon Readers	Up to 2 Avigilon Readers
REX and Contact Sensors	4 REX and 4 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input	8 REX and 8 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input	4 REX and 4 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input
Auxiliary Inputs	4 input lines with EOL monitoring		N/A
Enclosure Size	14" H, 12" W, 4.5" D (356 x 305 x 114 mm)	20 x 16 x 4.5" (508 x 406 x 114 mm)	14" H, 12" W, 4.7" D (356 x 305 x 114 mm)
Weight	Approx 10 lbs (4.5 kg)	Approx 20 lbs (9 kg)	Approx 45 lbs (20.41 kg)
Operating Temperature	32° to 122°F (0° to 50°C)		
Operating Humidity	5% to 85% relative, non-condensing		
Communication Ports	10/100 baseT Ethernet, USB port		
Backup Battery	Use two 12VDC sealed lead acid (SLA) or gel cell batteries in series		
Compliance	FCC, IC, CE, RCM, UL 294		

Key features

- Internet connectivity to the Avigilon Alta access control cloud for system management and communication
- Stores all cloud configurations locally in order to remain fully functional in the event of an Internet outage
- Uses industry standard RS-485 signaling to communicate with Avigilon readers over CAT 5/6 wiring
- Plug and play design allows for easy expansion and customization
- Includes port interfaces for Relays, Avigilon Readers, REX Sensors, and Contact Sensors
- Auxiliary relays and configurable auxiliary input pins provide extra outputs and allow additional sensors or Wiegand devices
- EOL monitoring with single or double termination on all REX, Contact, and Auxiliary inputs supported with user-installed 1k resistors
- Ships with LifeSafety Power enclosure for security and easy wall mounting

Learn more



4-Door



8-Door



Elevator





Avigilon Core Series Large Capacity Smart Hubs

The Avigilon Core Series Smart Hub is a modular access control unit that supports Avigilon Smart Readers. The Core Series Smart Hub features the Access Control Core (OP-ACC), expansion boards, and uses RS-485 wiring to connect to the Smart Readers and is powered by a built-in power supply. The Large Capacity Smart Hubs feature more room for wiring, and an aluminum backplate for easier installation.



Specifications

MODEL NAME	12/24V 8-DOOR CORE SERIES LARGE CAPACITY SMART HUB	12/24V 16-DOOR CORE SERIES LARGE CAPACITY SMART HUB
PART NUMBER	SYS-8ENT-DVE4	SYS-8ENT-DVE6
Operate Voltage/Power	12-24VDC 1.8A @ 24VDC (with 8 Avigilon Readers) .07 @ 24VDC (with no readers)	12-24VDC 3.6A @ 24VDC (with 16 Avigilon Readers) 1.4A @ 24VDC (with no readers)
Door Relays	8 door relays, 5A @ 24VDC (resistive)	16 relays, 5A @ 24VDC (resistive)
Auxiliary Relays	4 auxiliary relays, 1A @ 24VDC	8 relays, 1A @ 24VDC
Avigilon Readers	Up to 8 Avigilon Readers	Up to 16 Avigilon Readers
REX and Contact Sensors	8 REX and 8 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input	16 REX and 16 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input
Auxiliary Inputs	4 input/output lines with EOL monitoring	8 input/output lines with EOL monitoring
Enclosure Size	24" H x 20" W x 6.72" D (610 x 508 x 171 mm)	30" H x 23" W x 6.72" D (762mm x 584mm x 171 mm)
Weight	Approx 25 lbs (11.33 kg)	Approx 45lbs (20.41 kg)
Operating Temperature	32° to 122°F (0° to 50°C)	
Operating Humidity	5% to 85% relative, non-condensing	
Communication Ports	10/100 baseT Ethernet, USB port	
Backup Battery	Use two 12VDC sealed lead acid (SLA) or gel cell batteries in series	
Compliance	CE, IC, FCC, UL294	

Key features

- Internet connectivity to the Avigilon Alta access control cloud for system management and communication
- Stores all cloud configurations locally in order to remain fully functional in the event of an Internet outage
- Uses industry standard RS-485 signaling to communicate with Avigilon readers over CAT 5/6 wiring
- Large capacity and plug and play design allows for easy expansion and customization
- Includes port interfaces for Relays, Avigilon Readers, REX Sensors, and Contact Sensors
- Auxiliary relays and configurable auxiliary input pins provide extra outputs and allow additional sensors or Wiegand devices
- EOL monitoring with single or double termination on all REX, Contact, and Auxiliary inputs supported with user-installed 1k resistors
- Ships with LifeSafety Power enclosure for security and easy wall mounting

Learn more



8-Door



16-Door





Avigilon Sensor Smart Hub









The Sensors Smart Hub combines the Access Control Core, the 32-Input Expansion Board, and a power supply in a convenient enclosure. Supporting up to 32 inputs and 2 relays, it serves as your central connection for contact sensors, motion detectors, alarm buttons, lights, sirens, and more. The Access Control Core is used to monitor and manage the inputs and outputs, and is easily configured using the Alta Access web app.



Specifications

MODEL NAME	12/24V SENSOR SMART HUB
PART NUMBER	SYS-SENS-SVE1
Operate Voltage/ Power	120mA / 70mA @ 12V / 24V (no external load) 3.2A / 2.2A @ 12V / 24V (max. load on wet relays and 12V outputs)
Relays	2 wet/dry switch-selectable relays Dry: 1A 24VDC, 0.5A 20VAC Wet: 0.5A each, 12V or 24V (board supply)
REX and Contact Sensors	32 contact sensor inputs with 1k Ohm internal pullup to 5V
Auxiliary Inputs	1 USB port to communicate with the Access Control Core
Enclosure Size	14"H, 12.13"W, 4.72"D (356 x 308 x 120mm)
Weight	Approx 10 lbs (4.5 kg)
Operating Temperature	32° to 122°F (0° to 50°C)
Operating Humidity	5% to 85% relative, non-condensing
Communication Ports	10/100 baseT Ethernet, USB port
Backup Battery	Use two 12VDC sealed lead acid (SLA) or gel cell batteries in series
Compliance	FCC, IC, CE, RCM, UL 294

Key features

-  Internet connectivity to the Avigilon Alta access control cloud for system management and communication
-  Stores all cloud configurations locally in order to remain fully functional in the event of an Internet outage
-  Uses industry standard RS-485 signaling to communicate with Avigilon readers over CAT 5/6 wiring
-  Plug-and-play design allows for easy expansion and customization
-  Includes port interfaces for Relays, Contact Sensors
-  Auxiliary relays and configurable auxiliary input pins provide extra outputs and allow additional sensors or Wiegand devices
-  EOL monitoring with single or double termination on all REX, Contact, and Auxiliary inputs supported with user-installed 1k resistors
-  Ships with LifeSafety Power enclosure for security and easy wall mounting

Learn more



Elevator



4-Door



8-Door





Mercury Security Controllers

The Avigilon Alta Access system supports open-field hardware from Mercury Security, allowing organizations to leverage investments in non-proprietary field hardware, with retrofit programs available for industry-standard multi-device interface panels, power and communication controller boards and intelligent controllers.

Specifications



MODEL NAME	MP CONTROLLERS	SUBPANELS	POWER SUPPLIES
PART NUMBERS	OP-AC-MER-CONT-MP1501 OP-AC-MER-CONT-MP1502 OP-AC-MER-CONT-MP2500	OP-AC-MER-CON-MR16IN OP-AC-MER-CON-MR16OUT OP-AC-MER-CON-MR50 OP-AC-MER-CON-MR52-S3B	OP-AC-LSP-2DR-MER-LCK OP-AC-LSP-4DR-MER-LCK OP-AC-LSP-8DR-MER-LCK OP-AC-LSP-16DR-MER-LCK

Key features

- Upgrade existing hardware to the cloud
- Manage, add or remove sites with a click
- Flexible user permissions and scheduling
- Integrates with 100+ technology partners

For more information about the technical specifications of Mercury Security controllers, please view the datasheets located at the bottom of this page or [contact our experts](#).

Learn more



HID Readers

Use HID Signo readers and credentials alongside Mercury Security hardware for a full, non-proprietary system using Avigilon Alta software.

Specifications

MODEL NAME	READERS	KEYCARDS	FOBS
PART NUMBERS	OP-AC-HID-READER-SIGNO-20NKS-00-000000-AVG OP-AC-HID-READER-SIGNO-20TKS-00-000000-AVG OP-AC-HID-READER-SIGNO-40NKS-00-000000-AVG OP-AC-HID-READER-SIGNO-40TKS-00-000000-AVG	OP-AC-HID-CARD-ICLASS-SE-3000-AVG OP-AC-HID-CARD-SEOS-5006PGCMN-AVG	OP-AC-HID-FOB-ICLASS-3250PNNMN-AVG OP-AC-HID-FOB-SEOS-5266PNNNA-AVG

Learn more



Bracket MP2500 MP1502 MP1501 Serial I/O



Avigilon Single Door Controller









The Avigilon Single Door Controller is an access control unit that supports up to two entries and two Avigilon Smart Readers. The Controller securely makes all entry decisions and can be configured via Bluetooth using the Alta Admin App.



Specifications

MODEL NAME	AVIGILON SINGLE DOOR CONTROLLER
PART NUMBER	OP-CR-SDC
Operating Voltage	12-24VDC
Output Ratings	Power Out can supply up to 100mA @ 12V or 50mA @ 24V
Operate Voltage/Power	2 reader ports, max power output 250mA @ 12V each
	2 relays, max power output PoE: Max 3W combined output (250mA @ 12V, 125mA @ 24V) PoE+: Max 9W combined output (750mA @ 12V, 375mA @ 24V)
Door Relays	2 relays, 2A @ 24VDC (resistive)
Avigilon Readers	Up to 2 Avigilon Readers
Wiegand Readers	Up to 2 Wiegand Readers (if no Avigilon Readers)
REX and Contact Sensors	2 REX Sensors, nominal 5VDC, 1kohm to each input (resistors built into Controller) 2 Contact Sensors, nominal 5VDC, 1kohm to each input (resistors built into Controller)
Tamper Sensor	Detects tamper events when front cover is removed
Enclosure Size	5.6 x 5.6 x 1.65 in (14.2 x 14.2 x 4.2 cm)
Weight	12.7 oz (360 g)
Operating Temperature	32° to 122°F (0° to 50°C)
Operating Humidity	5% to 85% relative, non-condensing
Communication Ports	10/100 baseT Ethernet, USB port
Backup Battery	On external supply or PoE injector, use two 12VDC sealed lead acid (SLA) or gel cell batteries in series
Certifications	CE, IC, FCC, RCM, UKCA, UL294, UL2043, WEEE

Key features

-  Internet connectivity to the Avigilon Alta access control cloud for system management and communication
-  Stores all cloud configurations locally in order to remain fully functional in the event of an Internet outage
-  Uses industry standard RS-485 signaling to communicate with Avigilon readers over CAT 5/6 wiring
-  Includes port interfaces for 2 Relays, 2 Avigilon Readers, 2 Wiegand Readers, 2 REX Sensors, and 2 Contact Sensors
-  Includes removable contact terminal blocks for convenient wiring
-  Physical switches to select relays to be dry or wet (12V or 24V)
-  EOL monitoring with single or double termination on all REX, contact, and configurable inputs
-  WiFi-enabled: Supports 2.4 GHz and 5 GHz connections

Learn more



Avigilon Single Door Controller Accessories

PRODUCT NAME	PART NUMBER
PoE/PoE+ Injector	OP-PI-30W



Avigilon Access Control Core








The Avigilon Access Control Core works with Avigilon expansion boards to securely make all entry decisions. It can support up to 2 expansion boards via USB and supports wireless configuration through the Alta Admin App.



Specifications

MODEL NAME	AVIGILON ACCESS CONTROL CORE
PART NUMBER	OP-CR-ACC
Operate Voltage/Power	12-24VDC 0.7A @ 12VDC 0.4A @ 24VDC
Dimensions	2.3 x 3.5 in (5.84 x 8.89 cm)
Weight	2 oz (57 g)
Operating Temperature	32° to 122°F (0° to 50°C)
Operating Humidity	5% to 85% relative, non-condensing
Interface Ports	0/100 baseT Ethernet, 4 USB ports
Backup Battery	CR2032 3V, replace every two years
Compliance	CE, IC, FCC, R0HS, UKCA, UL, WEEE

Key features

-  Internet connectivity to the Avigilon Alta access control cloud for system management and communication
-  Stores all cloud configurations locally in order to remain fully functional in the event of an Internet outage
-  Plug and play design allows for easy expansion and customization
-  Supports up to 16 entries via 2 Openpath expansion boards
-  Supports 4-Port, 8-Port expansion boards and 16-Port I/O board
-  Supports wireless configuration via the Alta Admin App using Bluetooth
-  Lifetime warranty

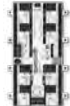
Learn more





Avigilon Expansion Boards

The Avigilon Expansion Boards are an access control board (no enclosure, no power supply) that connects to the Avigilon Access Control Core (OP-ACC) and supports sensors and Avigilon Smart Readers. The Expansion Boards work with the Access Control Core to make all entry decisions.



Specifications

MODEL NAME	AVIGILON 4-PORT BOARD	AVIGILON 8-PORT BOARD	AVIGILON 16 I/O ELEVATOR BOARD	AVIGILON 32 INPUT BOARD
PART NUMBERS	OP-EX-4E	OP-EX-8E	OP-16EM	OP-EX-32S
Operate Voltage/Power	Must be used with Avigilon Access Control Core 12-24VDC 5A @ 12VDC, 0.3A @ 24VDC	Must be used with Avigilon Access Control Core 12-24VDC .6A @ 12VDC 0.3A @ 24VDC	12-24VDC 12V: 825mA Max (with 2 Avigilon Readers) 12V: 325mA Max (with no readers) 24V: 470mA Max (with 2 Avigilon Readers) 24V: 190mA Max (with no readers)	Must be used with Avigilon Access Control Core 120mA @ 12VDC 70mA @ 24VDC Max load with all attached devices 3.2Amps @ 12V, 2.2A @ 24V
Relays	4 door relays, 5A @ 24VDC (resistive) 2 auxiliary relays, 1A @ 24VDC	8 door relays, 5A @ 24VDC (resistive) 4 auxiliary relays, 1A @ 24VDC	16 relays, 60VDC Max 24VDC, 1A (resistive) 125VAC, 0.5A (resistive)	2 wet/dry relay Dry: 1A 24VDC, 0.5A 20VAC Wet: 12V/24V (board supply) 0.5A each
Avigilon Readers	Up to 4 Avigilon Readers	Up to 8 Avigilon Readers	Up to 2 Avigilon Readers	0 Avigilon Readers, 32 Sensors
REX and Contact Sensors	4 REX and 4 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input	8 REX and 8 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input	4 REX and 4 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input	32 contact sensor inputs with EOL monitoring, nominal 5VDC, 1kohm to each input
Auxiliary Inputs	4 input lines with EOL monitoring		N/A	
Enclosure Size	4.5 x 4.9 in (11.5 x 12.5 cm)	4.5 x 8.75 in (11.5 x 22.5 cm)	Approx 5.25 x 3.5 in (13.34 x 9.04 cm)	Approx 4.72 x 5.31 in (12 x 13.5 cm)
Weight	4.3 oz (122 g)	4.3 oz (122 g)	N/A	
Operating Temperature	32° to 122°F (0° to 50°C)			
Operating Humidity	5% to 85% relative, non-condensing			
Interface Ports	USB port, Expansion port		USB Port	USB port
Backup Battery	Use one or two 12VDC sealed lead acid (SLA) or gel cell batteries based on power supply and system requirements		N/A	N/A
Compliance	E, FCC, IC, UL 294, RCM, UKCA		FCC, UL 294, CE	Certifications FCC, IC, CE, UKCA, UL 62368-1, RCM, NDAA, TAA

Key features

- Uses industry standard RS-485 signaling to communicate with Avigilon readers over CAT 5/6 wiring
- Plug and play design allows for easy expansion and customization
- Includes port interfaces for Relays, Avigilon Readers, REX Sensors, and Contact Sensors
- Signal relays and configurable auxiliary input pins provide extra outputs and allow additional sensors or Wiegand devices
- EOL monitoring with single or double termination on all REX, Contact, and Auxiliary inputs supported with user-installed 1k resistors
- Includes removable contact terminal blocks for convenient wiring
- Supports wireless configuration via the Alta Admin App using Bluetooth
- Lifetime warranty

Learn more



4-Port



8-Port



Elevator



32 Input





Avigilon Alta Wireless Lock Integrations

Schlage wireless locks are ideal for interior and low-traffic spaces where installing and maintaining a full door entry system would be cost-prohibitive. The Avigilon Alta integration is easy to set up with a mobile device and no wiring or Avigilon hardware is required, and provides a complete, secure access control experience across any size deployment.

Specifications



SCHLAGE LEB
WIRELESS LOCK



SCHLAGE NDEB
WIRELESS LOCK



SCHLAGE CONTROL
SMART LOCK



ENGAGE GATEWAY



SCHLAGE XE360
WIRELESS LOCK
AC-ALTA-SCH-XE360-
T-CUSTOM

MODEL NAME

PART NUMBERS

AC-ALTA-SCH-
LE-CUSTOM

AC-ALTA-SCH-
NDE-CUSTOM

AC-ALTA-SCH-
BE-CUSTOM
AC-ALTA-SCH-
FE-CUSTOM

AC-ALTA-SCH-
ENGAGE-GWE

AC-ALTA-SCH-XE360-
M-CUSTOM
AC-ALTA-SCH-XE360-
M-D-CUSTOM
AC-ALTA-SCH-XE360-
EW-CUSTOM

Key features



Cost effective and scalable



One contactless credential for all your doors



Combined security monitoring



Native support for bluetooth credentials

Learn more





Avigilon Alta Credentials

Low Frequency (125 kHz) Credentials

The Avigilon Access Low Frequency Credentials are ideal for supporting legacy Wiegand-based access control systems.



Specifications

MODEL NAME	AVIGILON ALTA PROXIMITY CARDS	AVIGILON ALTA PROXIMITY FOBS
PART NUMBERS	OP-ACL-10 OP-ACL-10IC	OP-KFL-10
Form Factor	Card	Key fob
Format	26-bit (H10301)	
Compatibility	Avigilon Low Frequency Readers Avigilon Smart Reader v2 Avigilon Pro Series Readers Allegion Schlage NDEB and LEB Wireless Locks	

High Frequency (13.56 MHz) Credentials

The Avigilon Access High Frequency Credentials are ideal for high security applications. These high frequency cards and fobs offer additional security against cloning and protects card data confidentiality.



Specifications

MODEL NAME	AVIGILON ALTA DESFIRE EV3 CARDS	AVIGILON ALTA MIFARE CLASSIC 1K FOBS
PART NUMBERS	OP-ACH-EV3P10 OP-ACH-EV3S10	OP-KFH-EV3B-10
Form Factor	Card	Key fob
Format	ISO14443A-4	SO 14443 DESFire Series
Compatibility	Avigilon High Frequency Readers Avigilon Smart Reader v2 Avigilon Pro Series Readers Allegion Schlage NDEB and LEB Wireless Locks	

Key features

 Supports custom badge printing

Learn more





Avigilon Alta Mobile Credentials

Secure your spaces with Avigilon Alta mobile access control. Using the Avigilon Alta Open app, you can unlock doors remotely or with a simple wave, send guest passes, view cameras and trigger lockdowns from anywhere. With Employee Badge in Apple Wallet, staff and guests can easily access their corporate spaces with just their iPhone or Apple Watch, all without opening any additional apps.

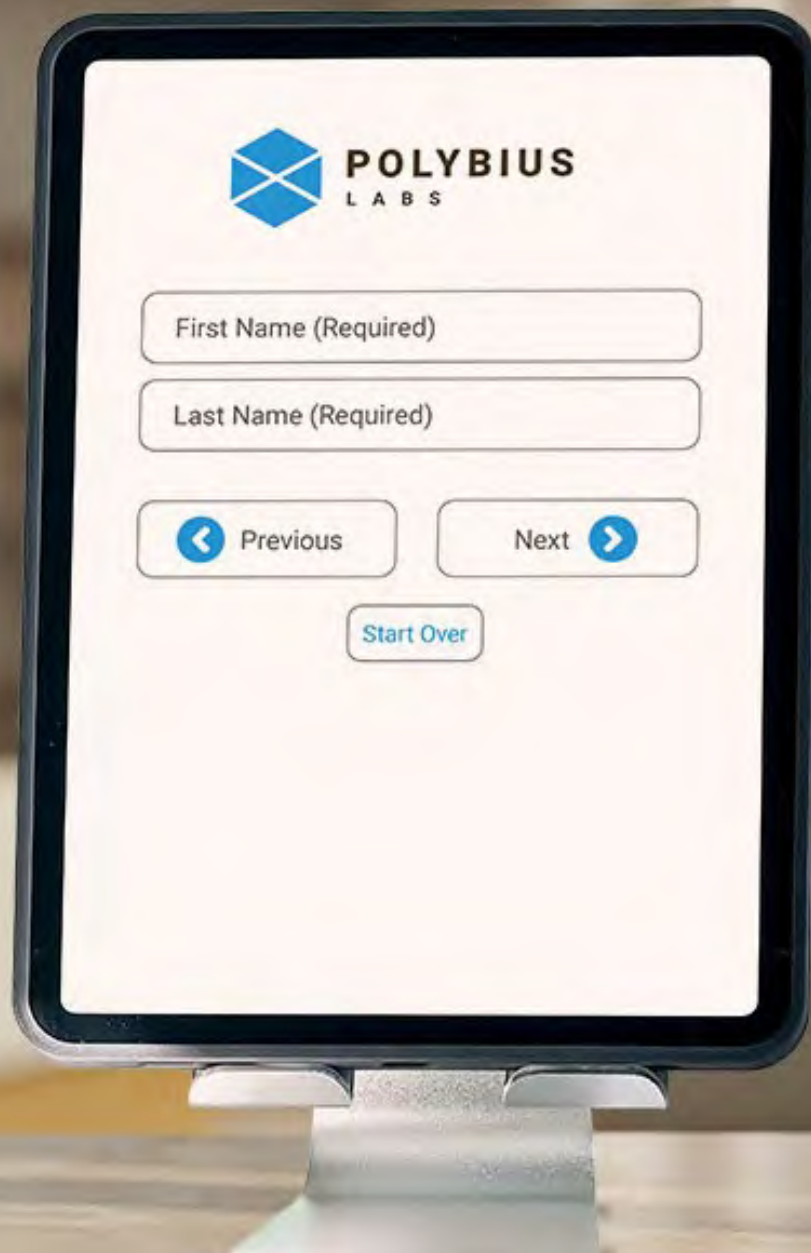


Specifications

MODEL NAME	AVIGILON ALTA OPEN APP	EMPLOYEE BADGE IN APPLE WALLET
PART NUMBERS	SW-ALA-MOB-P10	SW-ALA-WALLET-P10
Form Factor	Smartphone and smartwatch (Android and iOS)	iPhone and Apple Watch
Format	Bluetooth, Wi-Fi, LTE	Near Field Communication (NFC)
Compatibility	Avigilon Low Frequency Readers Avigilon Smart Reader v2 Avigilon Pro Series Readers	<p>Smart Readers:</p> <ul style="list-style-type: none"> Standard Smart Reader V2 (OP-R2X-STND) Mullion Smart Reader V2 (OP-R2X-MULL) Standard Smart Keypad Reader V2 (OP-RKP-STND) Mullion Smart Keypad Reader V2 (OP-RKP-MULL) <p>Video Readers:</p> <ul style="list-style-type: none"> Video Intercom Reader Pro (OP-VID-PRO-INT) <p>Note: Only Video Readers manufactured after April of 2023 are compatible with Employee Badge in Apple Wallet.</p> <p>Wireless locks are not supported at this time.</p>

Learn more





Smarter Operations

Extend your Avigilon system beyond just security. Avigilon Alta Mailroom and Visitor management platforms improve everyday operations to create a smarter experience for everyone. From managing deliveries to welcoming guests, your security system becomes a smarter hub for creating a more intelligent and efficient environment.



Avigilon Alta Visitor

Easier visitor management doesn't mean less security. Alta Visitor offers secure self-check-in and host alerts, while smart features like background checks and activity logs help you know who's visiting your spaces. As a part of the Avigilon Alta suite, you can manage visitor access and see camera activity together in one unified experience.



Specifications

LICENSE/ EDITION	SMALL, MEDIUM, OR LARGE SITE
PART NUMBERS	SW-VISIT-SS SW-VISIT-MS SW-VISIT-LS
Kiosk Features	
Customizable Kiosk Branding	✓
Photo Capture	✓
Self-Serve Kiosk	✓
ID Scanning	✓
Badge Printing	✓
Agreements & Signature Capture	✓
Dashboard to Track Visitor Activity	✓
Admin and Host Features	
Visitor Scheduling	✓
Sign Ins & Sign Outs	✓
Plus 1 & Group Visits	✓
Pre-Registration	✓
Email Templates	✓
Bulk Scheduling via CSV Upload	✓
QR Code Sign-In	✓
Automatic Background Screening	✓
Internal Blocklist	✓
External Blocklist through Checkr Trust	✓
Deny Access	✓
Host Notifications	✓
User Management	✓
User Roles & Permissions	✓
Detailed Reporting	✓
Mobile App	✓
Multi-Location & Multi-Tenant Support	✓
Access QR Guest Passes	✓
Paid Entry	✓
Avigilon Alta Access Integration	✓
Avigilon Alta Video Integration	✓
Regional language support	✓
Emergency mustering	✓

Key features



Easy sign-in options, a self-check-in tablet app and print badges



View guests and remotely register them with the Alta Visitor mobile app



Capture visitor IDs and screen against watchlists



Notify hosts when their visitors arrive or leave



See who's in your buildings with clear logs and dashboards



Temporary, paid access for gyms, co-working spaces or golf simulators



Restrict visitor movement with secure QR code credentials via Alta Access



Link camera footage to guest check-in timestamps with Alta Video

Learn more





Avigilon Alta Mailroom

Avigilon Alta Mailroom makes managing deliveries easy and helps ensure incoming packages, supplies and mail get to the right people. Mailroom staff simply scan shipping labels, and recipients are automatically notified that their package has arrived. When used together with Alta Access and Video, customers can manage the whole delivery process, from letting carriers in with an intercom to the final pickup, with one connected system.



Key features

- 
Automatically match labels to the correct tenants
- 
Scan packages in seconds and capture images to verify deliveries
- 
Instantly notify tenants via email when their packages arrive
- 
Send automatic reminders for package pickups, or send manual reminders anytime
- 
Find packages by filtering logs by time, date, courier, and recipient
- 
Integrations such as Workday, Active Directory, and Okta
- 
Turn any iOS device into a precise label scanner. No app needed for recipients
- 
Easy setup for existing Alta users, but can also be used as a standalone product

Learn more



Specifications

LICENSE/ EDITION	BASIC
PART NUMBERS	SW-MAIL
OCR scanning	✓
Automatic Matching	✓
Delivery notifications	✓
Pickup Reminders	✓
Package photo validation	✓
Self-Pickup	✓
Audit Trails	✓
Delivery reporting	✓
Duplicate Scan Detection	✓
Alta Access database integration	✓
IdP Integrations	A la carte



Unified SOC Platform

Inform revolutionizes Security Operations Centers (SOC) with AI-powered automation. This cloud-native platform provides real-time insights to streamline physical security workflows. Inform seamlessly integrates across various security systems like video, access control, and radios through a single interface, eliminating the need for multiple applications. It proactively detects events, triages threats, minimizes false positives and automates responses.



Inform

Inform is an AI-powered, cloud-native solution designed to revolutionize Security Operations Centers (SOCs) by providing real-time insights and automating physical security workflows. It detects events, triages threats, minimizes false positives, and automates responses even for novel events.

Available in the U.S. only; N.A and INT. coming soon



Specifications

PRODUCT	Inform Software Subscription	Mandatory Professional Services
PART NUMBERS	INFORM-100-1Y INFORM-250-1Y INFORM-500-1Y INFORM-1000-1Y INFORM-2500-1Y INFORM-5000-1Y 100-5000 Channels; 5000+ Channels (available on a per case basis)	PROSERVE-INFORM-CORE Custom priced based of the Scope of Work

Key features



Real-time visibility: Provides a unified interface for real-time event visibility across video, access control, radios, and more, eliminating the need for multiple applications.



Faster, smarter decisions: Inform offers AI-driven insights and response plans for faster, more accurate decisions, using AI to process camera images for context and generate new plans for novel incidents.



Seamless security management: Works natively with Avigilon Unity and Alta video and access control. Or, integrate with third-party security systems with the open API.



Automate responses: Automate responses and streamline workflows to reduce response times. Inform not only identifies threats but automatically executes playbooks and coordinates responses, for rapid resolution.



Reduce operator workload: Inform maximizes efficiency by combining security events, consolidating duplicates, and auto-resolving false positives, allowing operators to focus on high-priority or complex events.



Quick, simple deployment: Inform is a cloud solution, enabling rapid deployment across your SOC with smart defaults and a pre-built library of response plans.

Learn more





For more information, visit [avigilon.com](https://www.avigilon.com)



AVIGILON™