

# Full-Color Dome

Network Camera

MODEL: VIGI C230(2.8/4mm)



Human & Vehicle  
Classification



Smart Detection



Built-In Microphone



IK10 Vandal Proof



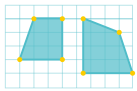
IP67 Waterproof

## // Human & Vehicle Classification

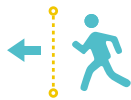
Intelligently distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.



## // Smart Detection



Intrusion  
Detection



Line-Crossing  
Detection



Object Removal  
Detection



Object Abandoned  
Detection



Region Entering  
Detection



Region Exiting  
Detection



Motion  
Detection



Camera  
Tampering

## // SmartVid



### Smart IR

Keeps objects from being under-rendered when far away or overexposed when close to camera at night.



**WDR**

### Wide Dynamic Range

Adjusts for lighting contrast to minimize shadowing effects and renders images true to life.



**3D  
DNR**

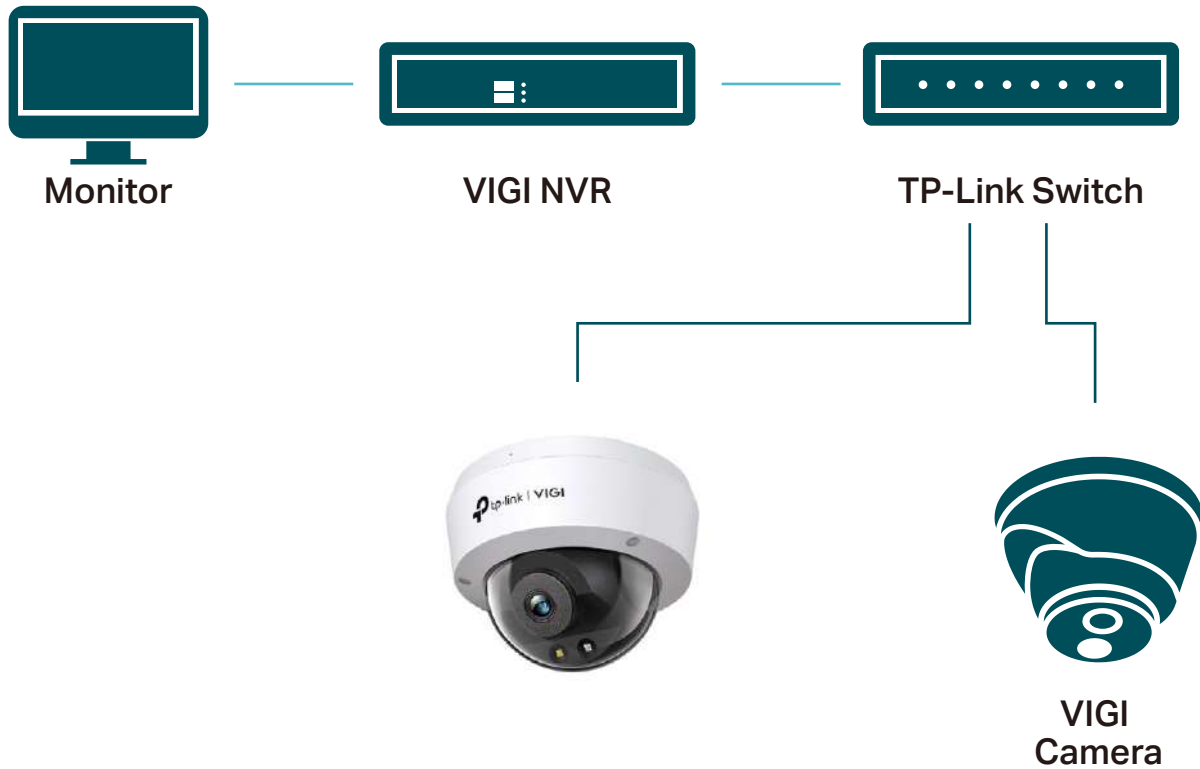
### 3D DNR

Removes abnormal pixelation to provide clearer video and eliminate distortion.

## // VIGI Surveillance Solution

The VIGI professional surveillance system by TP-Link is dedicated to protecting the business that you've worked hard to build—whenever, wherever.

Outstanding functions, reliable quality guarantees, and simplified installation work together to ensure your business stays safe and sound.



## // Flexible Installation

Easily route your camera's cable into a dropped ceiling or avoid drilling by slotting it through the camera's side outlet.



## // Specifications

| Camera                    |   |
|---------------------------|---|
| Image Sensor              | 1/2.8" Progressive Scan CMOS  |
| Shutter Speed             | 1/3 to 1/10000 s  |
| Slow Shutter              | Yes   |
| Min. Illumination         | Color: 0.005 Lux; 0 Lux with IR/White Light   |
| Day & Night               | IR Cut Filter   |
| Day/Night Switch          | Unified/ Scheduled/ Auto  |
| Lens                      |   |
| Type                      | Fixed Focal Lens  |
| Focal length              | 2.8/4 mm  |
| Aperture                  | F1.6  |
| FOV                       | <ul style="list-style-type: none"><li>• 2.8 mm:<br/>Horizontal FOV: 107.5°, Vertical FOV: 57.2°, Diagonal FOV: 128.7°</li><li>• 4 mm:<br/>Horizontal FOV: 84.4°, Vertical FOV: 44.3°, Diagonal FOV: 100.6°</li></ul>  |
| Lens Mount                | M12   |
| DORI Distance             | <ul style="list-style-type: none"><li>• 2.8 mm:<br/>Detect: 52 m (170 ft)<br/>Observe: 22 m (71 ft)<br/>Recognize: 10 m (34 ft)<br/>Identify: 5 m (17 ft)</li><li>• 4 mm:<br/>Detect: 70 m (230 ft)<br/>Observe: 29 m (96 ft)<br/>Recognize: 14 m (46 ft)<br/>Identify: 7 m (23 ft)</li></ul> |
| Angle Adjustment (manual) |   |
| Range                     | <ul style="list-style-type: none"><li>• Pan: 0° to 355°</li><li>• Tilt: 0° to 75°</li></ul>   |

| Illuminator                |   |
|----------------------------|---|
| IR LED                     | <ul style="list-style-type: none"> <li>• Quantity: 1</li> <li>• Range: 30m</li> <li>• Wavelength: 850nm</li> </ul>  |
| White LED                  | <ul style="list-style-type: none"> <li>• Quantity: 1</li> <li>• Range: 30m</li> </ul>   |
| Illuminator On/Off Control | Auto/Scheduled/Always on/Always off   |
| Video                      |   |
| Max. Resolution            | 2304 × 1296   |
| Main Stream                | <ul style="list-style-type: none"> <li>• Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps</li> <li>• Resolution: 2304x1296, 2048x1280, 1920x1080, 1280x720</li> </ul> <p>Note: If the image rotation is set to 90° or 270°, the frame rate only supports up to 20fps.</p> |
| Sub-Stream                 | <ul style="list-style-type: none"> <li>• Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps</li> <li>• Resolution: 704x576, 640x480, 352x288, 320x240</li> </ul> <p>Note: If the image rotation is set to 90° or 270°, the frame rate only supports up to 20fps.</p>        |
| Bit Rate Control           | CBR, VBR  |
| Video Compression          | <ul style="list-style-type: none"> <li>• Main Stream: H.265+/H.265/H.264+/H.264</li> <li>• Sub-Stream: H.265/H.264</li> </ul>   |
| H.264 Type                 | High Profile  |
| H.264+                     | Main Stream Supported   |
| H.265 Type                 | Main Profile  |
| H.265+                     | Main Stream Supported   |
| Video Bit Rate             | <ul style="list-style-type: none"> <li>• Main Stream: 256 Kbps to 4 Mbps</li> <li>• Sub-Stream: 64 Kbps to 512 Kbps</li> </ul>  |

| Image                       |  |
|-----------------------------|--|
| Image Settings              | <ul style="list-style-type: none"> <li>• Mirror</li> <li>• Brightness</li> <li>• Contrast</li> <li>• Saturation</li> <li>• Sharpness</li> <li>• Exposure</li> <li>• WDR</li> <li>• White Balance</li> <li>• Prevent Overexposure to Infrared Light</li> <li>• HLC Adjustable by Client Software</li> <li>• Rotation(90°/270°)</li> </ul> |
| Image Enhancement           | BLC/3D DNR/HLC/SmartIR   |
| Wide Dynamic Range          | DWDR   |
| SNR                         | ≥ 52 dB  |
| Image Parameters Switch     | Yes  |
| Privacy Mask                | Up to 4 Masks  |
| ROI                         | 1 Region   |
| OSD Setting                 | Yes  |
| Audio                       |  |
| Audio Communication         | N/A  |
| Audio Input                 | Yes  |
| Audio Output                | N/A  |
| Audio Compression           | Yes  |
| Audio Sampling Rate         | 8KHz   |
| Environment Noise Filtering | Yes  |
| Audio Bit Rate              | 64 Kbps(G.711 alaw)  |

| Network                |   |
|------------------------|---|
| Protocols              | <ul style="list-style-type: none"> <li>• TCP/IP</li> <li>• UDP</li> <li>• ICMP</li> <li>• HTTP</li> <li>• HTTPS</li> <li>• DHCP, DNS, RTSP</li> <li>• NTP</li> <li>• UPnP</li> <li>• SSL/TLS</li> <li>• FTP/SFTP</li> <li>• RTP</li> <li>• IPv4</li> <li>• IPv6</li> <li>• ARP</li> </ul> |
| ONVIF                  | Yes   |
| API                    | Open Network Video Interface (Profile S)  |
| Simultaneous Live View | 3 Main Streams & 3 Sub-Streams  |
| Client                 | VIGI App, VIGI Security Manager, Web UI   |
| Web Browser            | <ul style="list-style-type: none"> <li>• Google Chrome® 57 and above</li> <li>• Firefox® 52 and above</li> <li>• Safari® 11 and above</li> <li>• Microsoft® Edge 91 and above</li> </ul>  |
| Cloud                  | Yes   |
| Security               | Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication   |

## Alarm and Event Management

|                     |  |
|---------------------|--|
| Smart Event         | <ul style="list-style-type: none"><li>• Human &amp; Vehicle Classification</li><li>• Intrusion Detection</li><li>• Line-Crossing Detection</li><li>• Region Entering Detection</li><li>• Region Exiting Detection</li><li>• Object Abandoned/Removal Detection</li><li>• Abnormal Sound Detection</li><li>• People Detection</li><li>• Vehicle Detection</li></ul> |
| Basic Event         | <ul style="list-style-type: none"><li>• Motion Detection</li><li>• Video Tampering Detection</li><li>• Exception ( Illegal Login)</li></ul>  |
| Alarm Linkage       | <ul style="list-style-type: none"><li>• White Light Flashing</li><li>• Message Push</li></ul>  |
| Linkage Method      | N/A  |
| Output Notification | Message Push   |

## Interface

|                     |  |
|---------------------|--|
| Network Interface   | 1 RJ45 10/100M Self-Adaptive Ethernet Port, PoE                    |
| Alarm               | N/A  |
| Reset Button        | N/A  |
| Power               | DC Power Port  |
| On-board Storage    | N/A  |
| Built-in Microphone | Yes; Records Anything Going on within a 15-ft Radius of the Camera |
| Built-in Speaker    | N/A  |
| Audio               | N/A  |

## General

|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | -30–60 °C                    |
| Storage Temperature   | -40–60 °C                    |
| Operating Humidity    | 95% or Less (Non-Condensing) |
| Storage Humidity      | 95% or Less (Non-Condensing) |

|                    |  |
|--------------------|--|
| Package Contents   | <ul style="list-style-type: none"> <li>• VIGI Network Camera</li> <li>• Quick Start Guide</li> <li>• Waterproof Cable Attachments</li> <li>• Mounting Accessories</li> </ul> |
| Power Supply       | <ul style="list-style-type: none"> <li>• 12V DC <math>\pm</math> 5%, Max. 4.7 W, 5.5mm Coaxial Power Plug</li> <li>• PoE: 802.3af/at, class 0, Max. 5.5 W</li> </ul>         |
| Material           | Plastic  |
| Net Weight         | 0.29 Kg  |
| Gross Weight       | 0.47 Kg  |
| Protection         | IP67 Waterproof, IK10 Vandal Proof   |
| Product Dimensions | 115× 115× 86 mm (4.53× 4.53× 3.39 in)  |
| Certifications     | CE, NTRA, VCCI, BSMI   |

## Build Features



\*Calculations based on laboratory testing using a 3MP VIGI camera, and an actual performance may vary according to the amount of activity recorded, resolution and other variables.

Specifications are subject to change without notice and can be found at [www.tp-link.com](http://www.tp-link.com).

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