

# IR Mini Dome Network Camera

MODEL: VIGI C230I Mini



**3MP | H.265+**

VIGI C230I Mini (2.8mm)



Human & Vehicle  
Classification



Smart Detection



IK08



Two-Way Audio



Onboard Storage\*

## // Human & Vehicle Classification

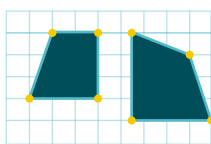
Intelligently distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.



## // Smart Detection



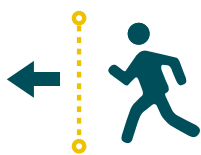
Motion Detection



Area Intrusion



Object Removal



Line-Crossing



Camera Tampering



Abandoned Object

## // SmartVid



### Smart IR

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



### Wide Dynamic Range

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



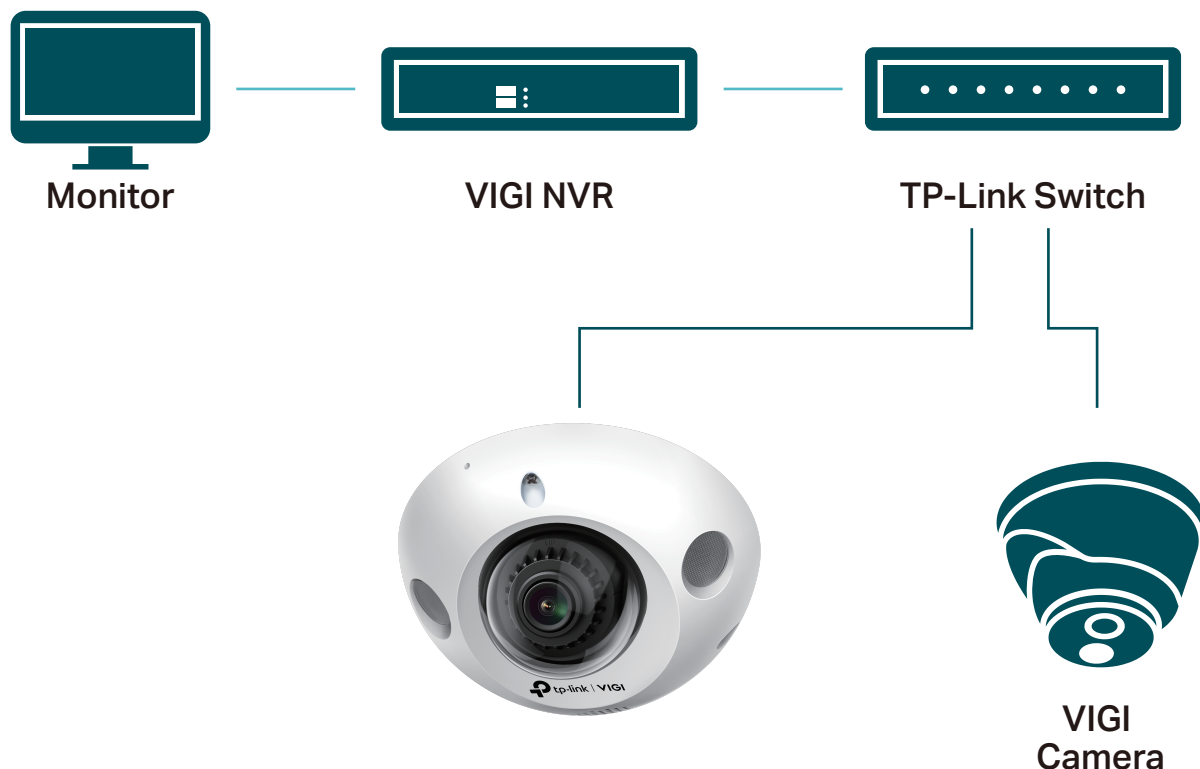
### 3D DNR

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: 0.01 Lux; 0 Lux with IR Light                                                               |
| Day/Night Mechanism        | IR Cut Filter                                                                                      |
| Day/Night Switch           | Unified/ Scheduled/ Auto                                                                           |
| Lens                       |                                                                                                    |
| Focal length               | 2.8 mm                                                                                             |
| Aperture                   | F1.6                                                                                               |
| Focus                      | Fixed                                                                                              |
| FOV                        | Horizontal FOV: 106.9°, Vertical FOV:56.9°, Diagonal FOV: 127.9°                                   |
| Lens Mount                 | M12                                                                                                |
| DORI Distance              | Detect: 49 m (161 ft)<br>Observe: 20 m (67 ft)<br>Recognize: 10 m (32 ft)<br>Identify: 5 m (16 ft) |
| Angle Adjustment (manual)  |                                                                                                    |
| Range                      | Pan: -30° to 30°<br>Tilt: 0° to 85°<br>Rotate: -15° to 15°                                         |
| Illuminator                |                                                                                                    |
| IR LED                     | Quantity: 2<br>Range: 30m<br>Wavelength: 850nm                                                     |
| White LED                  | N/A                                                                                                |
| Illuminator On/Off Control | Auto/Scheduled/Always on/Always off                                                                |
| Video                      |                                                                                                    |
| Max. Resolution            | 2304 × 1296                                                                                        |

|                         |                                                                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main Stream             | <p>Frame Rate:</p> <p>50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps</p> <p>60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps</p> <p>Resolution: 2304x1296, 2048x1280, 1920x1080, 1280x720</p> <p>Note: If the image rotation is set to 90° or 270°, the frame rate only supports up to 20fps.</p> |
| Sub-Stream              | <p>Frame Rate:</p> <p>50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps</p> <p>60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps</p> <p>Resolution: 704x576, 640x480, 352x288, 320x240</p> <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       | <p>Main stream: H.265+/H.265/H.264+/H.264</p> <p>Sub-Stream: H.265/H.264</p>                                                                                                                                                                                                                       |
| H.264 Type              | High Profile                                                                                                                                                                                                                                                                                       |
| H.264+                  | Main Stream Supported                                                                                                                                                                                                                                                                              |
| H.265 Type              | Main Profile                                                                                                                                                                                                                                                                                       |
| H.265+                  | Main Stream Supported                                                                                                                                                                                                                                                                              |
| Video Bit Rate          | <p>Main Stream: 256 Kbps to 4 Mbps</p> <p>Sub-Stream: 64 Kbps to 512 Kbps</p>                                                                                                                                                                                                                      |
| <b>Image</b>            |                                                                                                                                                                                                                                                                                                    |
| Image Settings          | Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance, HLC Adjustable by Client Software, Rotation (90°/270°)                                                                                                                                                          |
| 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         | Two-Way Audio                                                                                                                                                                                                                     |
| Audio Input                 | Yes                                                                                                                                                                                                                               |
| Audio Output                | Yes                                                                                                                                                                                                                               |
| Audio Compression           | Yes                                                                                                                                                                                                                               |
| Audio Sampling Rate         | 8KHz                                                                                                                                                                                                                              |
| Environment Noise Filtering | Yes                                                                                                                                                                                                                               |
| Audio Bit Rate              | 64 Kbps(G.711 alaw)                                                                                                                                                                                                               |
| Alarm and Event Management  |                                                                                                                                                                                                                                   |
| Smart Event                 | Human & Vehicle Classification, Area Intrusion Detection, Line-Crossing Detection, People Detection, Vehicle Detection, Region Entering Detection, Region Exiting Detection, Object Abandoned Detection, Object Removal Detection |
| Basic Event                 | Motion Detection, Video Tampering Detection, Exception ( Illegal Login)                                                                                                                                                           |
| Alarm Linkage               | Memory Card Video Recording, Message Push, Audible Warning                                                                                                                                                                        |
| Linkage Method              | N/A                                                                                                                                                                                                                               |
| Output Notification         | Message Push                                                                                                                                                                                                                      |
| Network                     |                                                                                                                                                                                                                                   |
| Protocols                   | TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP, UDP, SSL/TLS, FTP/SFTP, RTP, IPv4, IPv6, ARP, SNMP, IEEE 802.1x                                                                                                       |
| ONVIF                       | Yes                                                                                                                                                                                                                               |
| API                         | Open Network Video Interface (Profile S)                                                                                                                                                                                          |
| Security                    | Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication                                                                                                                                                   |
| Simultaneous Live View      | 3 Main Streams & 3 Sub-Streams                                                                                                                                                                                                    |
| Client                      | VIGI APP, VIGI Security Manager, VIGI NVR, Web                                                                                                                                                                                    |
| Cloud                       | Yes                                                                                                                                                                                                                               |
| 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>                                          |

| Interface               |                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------|
| Communication Interface | 1 RJ45 10/100M Self-Adaptive Ethernet Port                                                   |
| Alarm                   | N/A                                                                                          |
| Audio                   | N/A                                                                                          |
| Built-In Microphone     | Yes; Records Anything Going on within a 15-ft Radius of the Camera                           |
| Built-In Speaker        | Yes                                                                                          |
| On-board Storage        | Built-In Memory Card Slot, Support MicroSD Card, Up to 512 GB                                |
| Reset Button            | Yes                                                                                          |
| Power                   | DC Power Port                                                                                |
| 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        | VIGI Network Camera<br>Quick Start Guide<br>Mounting Accessories                             |
| Power Supply            | 12V DC $\pm$ 5%, Max. 7.5 W, 5.5mm Coaxial Power Plug<br>PoE: 802.3af/at, class 0, Max. 8.5W |
| Protection              | IK08                                                                                         |
| Material                | Plastic                                                                                      |
| Net Weight              | 0.23 kg                                                                                      |
| Gross Weight            | 0.41 kg                                                                                      |
| Product Dimensions      | 114 × 114 × 58 mm                                                                            |
| Certifications          | CE/VCCI/BSMI/KC/ONVIF                                                                        |

SD card is not included in the package.

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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