

# 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

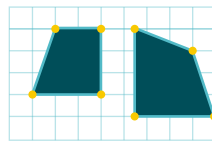
Intelligently distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.



## // Smart Detection



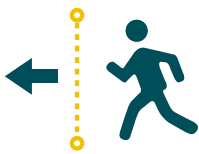
Motion Detection



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.



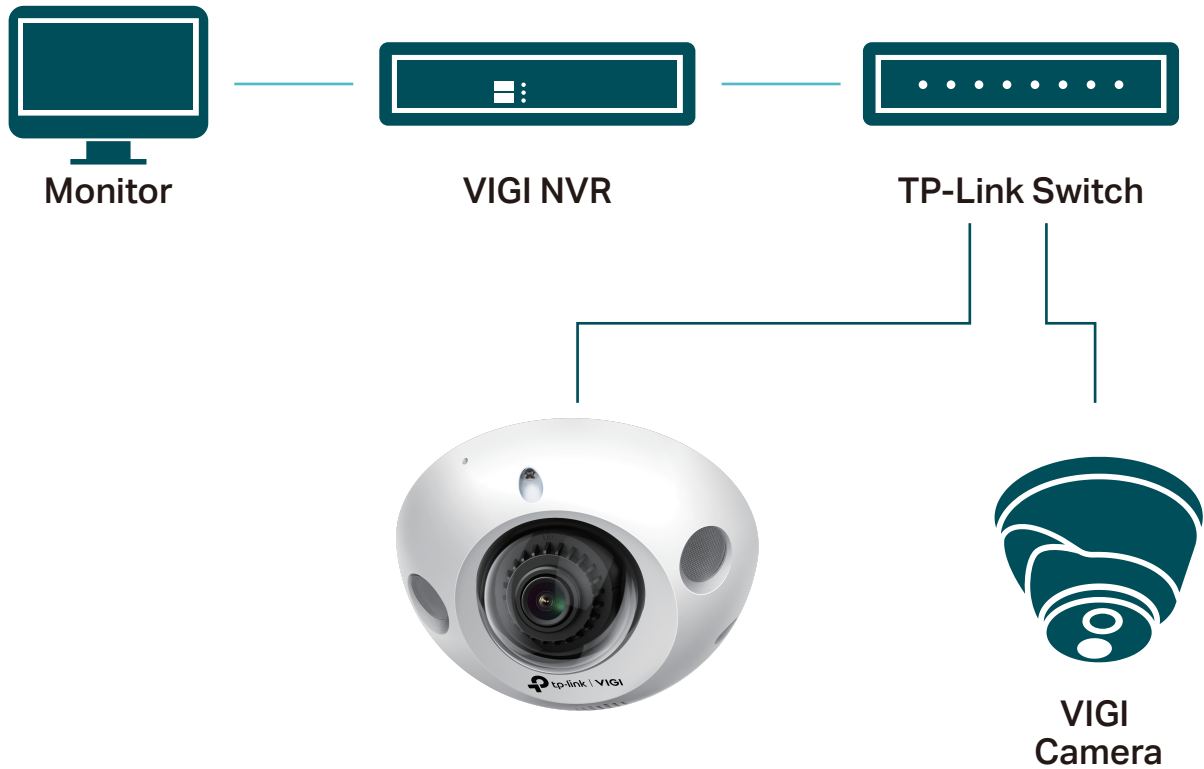
### 3D DNR

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) Observe: 20 m (67 ft) Recognize: 10 m (32 ft) Identify: 5 m (16 ft)
Angle Adjustment (manual)	
Range	Pan: -30° to 30° Tilt: 0° to 85° Rotate: -15° to 15°
Illuminator	
IR LED	Quantity: 2 Range: 30m 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:  50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps  60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps  Resolution: 2304x1296, 2048x1280,  1920x1080,1280x720  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:  50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps  60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps  Resolution: 704x576, 640x480, 352x288,  320x240  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	Main stream: H.265+/H.265/H.264+/H.264 Sub-Stream: H.265/H.264
H.264 Type	High Profile
H.264+	Main Stream Supported
H.265 Type	Main Profile
H.265+	Main Stream Supported
Video Bit Rate	Main Stream: 256 Kbps to 4 Mbps Sub-Stream: 64 Kbps to 512 Kbps
<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
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 Quick Start Guide Mounting Accessories
Power Supply	12V DC $\pm$ 5%, Max. 7.5 W, 5.5mm Coaxial Power Plug 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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#### Security Standards Compliance

All VIGI products are fully compliant with the following security and safety standards:

EN 55032:2015 + A11:2020

EN 55035:2017 + A11:2020

EN IEC 61000-3-2:2019 + A1:2021

EN 61000-3-3:2013 + A2:2021  
EN IEC 61000-6-3:2021 + AC:2022-01  
EN IEC 61000-6-1:2019  
EN 50130-4:2011 + A1:2014  
EN 62368-1:2014 + A11:2017  
EN IEC 63000:2018  
(EU) 2023/826