

TP-VIGI-C320I-4

TP-Link C320 Vigi 2MP Outdoor IR Bullet Network camera with 4mm Lens

Product Overview

TP-Link C320 Vigi 2MP Outdoor IR Bullet Network camera with 4mm Lens, 3D DNR, DWDR, IP67 weatherproof rating, 1920x1080 maximum Resolution, H.265+ / H.265 / H.264+ / H.264 Video Compression, 2 IR LED 30m range, BLC / 3D DNR / HLC / SmartIR, 1 region ROI, 1x RJ45 10/100 Mbit Self-Adaptive Ethernet Port, Human & vehicle classification, Motion detection



SmartVid-Smart Video Enhancement



Specifications

Overview Summary:

The TP-Link VIGI C320 2MP Outdoor IR Bullet Network Camera offers reliable, high-definition security for any property in South Africa. With AI-powered human and vehicle detection, this camera ensures accurate alerts while reducing false alarms. Its IP67 weatherproof rating and advanced video processing allow for clear monitoring day and night. Ideal for home or business, installation is simple with PoE support and flexible mounting options. Buy now to secure your property with professional-grade surveillance.

With H.265+ video compression and multiple lens options, the VIGI C320 delivers efficiency and clarity, capturing every detail for precise identification. Manage your camera via the VIGI app, NVR, or VIGI Security Manager for convenient control.

Performance tier:Premium

Uses:Home security, business surveillance, outdoor monitoring, property protection, perimeter safety

Overview:

VIGI C320I 2MP Outdoor IR Bullet Network Camera

The VIGI C320I delivers reliable outdoor surveillance with crisp 2MP Full HD video, AI-powered human and vehicle detection, and advanced video processing technologies. Designed for harsh weather conditions and versatile installation, this camera ensures your property stays monitored with minimal effort.

Description:

This 2MP outdoor IR bullet camera provides high-definition surveillance with smart detection for humans and vehicles, enhanced night vision, and flexible lens options. Its IP67 waterproof rating, PoE support, and AI-based alerts make it ideal for home and business security. With multiple management options and advanced video compression, the VIGI C320I balances efficiency, clarity, and convenience for any outdoor monitoring setup.

Features:

High-Definition Video Clarity

Capture fine details with 2MP Full HD resolution. The VIGI C320I ensures sharp images, making it easier to identify people and vehicles at any time.

Intelligent Human and Vehicle Detection

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AI-powered algorithms distinguish humans and vehicles from other moving objects. Customize alerts to reduce false alarms and receive notifications that matter.

Advanced Smart Detection

The camera monitors boundaries and restricted areas, detecting:

- Motion
- Line-crossing
- Intrusion
- Abandoned or removed objects
- Camera tampering

Enhanced Video Quality

Professional video processing technologies improve monitoring performance:

- Smart IR for clear night vision
- WDR for balanced lighting
- 3D DNR for reduced noise
- Night vision for low-light conditions

Efficient Video Compression

H.265+ video coding reduces bandwidth and storage requirements without sacrificing quality. Save disk space and minimize network load while maintaining clear, detailed footage.

Weatherproof and Durable

IP67-rated construction withstands rain, dust, and temperatures from -30 to 60 degrees C (-22 to 140 degrees F), ensuring stable performance in harsh outdoor environments.

Simplified Installation with PoE

Connect and power the camera using a single RJ45 cable. No additional power adapter is required, simplifying setup and maintenance.

Multiple Lens Options

Choose from 2.8mm, 4mm, or 6mm lenses to suit different areas:

- Wide-angle lens for enclosed spaces like elevators
- Longer focal lengths for open spaces like parking lots

Capture Distance and Details

- Identify: Capture every detail to recognize individuals accurately
- Distinguish: See enough features to differentiate between people

Flexible Mounting Options

Easily position the camera on walls, ceilings, or poles to get the perfect coverage angle:

- Ceiling mounting
- Wall mounting
- Pole mounting

Comprehensive Management

Control your camera through multiple platforms:

- NVR interface
- VIGI mobile app
- VIGI Security Manager software

Reliable Outdoor Security

With smart detection, high-definition video, flexible lens choices, and weatherproof design, the VIGI C320I ensures your property remains secure around the clock.

Specifications:

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Specifications

Product Code	TP-VIGI-C320I-4
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CAMERA

Image Sensor	1/3" Progressive Scan CMOS
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Shutter Speed	1/3 to 1/10000 s
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Slow Shutter	Yes
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Minimum Illumination	Color: 0.1 Lux, 0 Lux with IR
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Day/Night Mechanism	IR Cut Filter
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Day/Night Switch	Day/Night/Auto/Schedule-Switch
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Lens	2.8 mm/ 4 mm/ 6 mm
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Aperture	2.8 mm: F2.2
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4 mm: F2.0

6 mm: F2.0

Lens Mount	M12
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Viewing Angle	2.8mm: 88.2degrees/48.7degrees/106.5degrees(H/V/D)
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4mm: 74.6degrees/41.3degrees/88.1degrees(H/V/D)

6mm: 47.7degrees/26.5degrees/56degrees(H/V/D)

IR Working Distance	30m
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Digital Noise Reduction	3D DNR
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WDR	DWDR
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Weatherproof Rating	IP67
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LENS

Type	Fixed Focal Lens
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Focal Length	2.8 mm/4 mm/6 mm
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Aperture	2.8 mm: F2. 2
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4 mm: F2.0

6 mm: F2.0

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FOV	2.8 mm:
	Horizontal FOV: 88.2degrees, Vertical FOV: 48.6degrees, Diagonal FOV: 106.5degrees
	4 mm:
	Horizontal FOV: 74.6degrees, Vertical FOV: 41.3degrees, Diagonal FOV: 88.1degrees
	6 mm:
	Horizontal FOV: 47.7degrees, Vertical FOV: 26.5degrees, Diagonal FOV: 56degrees
Lens Mount	M12
DORI Distance	2.8 mm:
	Detect: 45 m (149 ft)
	Observe:19 m (62 ft)
	Recognize: 9 m (30 ft)
	Identify: 5 m (15 ft)
	4 mm:
	Detect: 60 m (198 ft)
	Observe: 25 m (83 ft)
	Recognize: 12 m (40 ft)
	Identify: 6 m (20 ft)
	6 mm:
	Detect: 91 m (297 ft)
	Observe: 38 m (124 ft)
	Recognize: 18 m (59 ft)
	Identify: 9 m (30 ft)
VIDEO	
Max. Resolution	1920 x 1080
Main Stream	Frame Rate :
	50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps
	60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution:
	1920x1080, 1280x960, 1280x720
	Note: If the image rotation is set to 90degrees or 270degrees, the frame rate only supports up to 20fps.

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Sub-Stream	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 90degrees or 270degrees, the frame rate only supports up to 20fps.
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	Main Profile/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
ILLUMINATOR	
IR LED	Quantity: 2
	Range: 30m
	Wavelength: 850nm
White LED	N/A
Illuminator On/Off Control	Auto/Scheduled/Always on/Always off
ANGLE ADJUSTMENT (MANUAL)	
Range	Pan: -90degrees to 90degrees
	Tilt: -90degrees to 90degrees
IMAGE	
Image Settings	Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software, Rotation(90degrees/270degrees)
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

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Audio Input	N/A
Audio Output	N/A
Audio Compression	N/A
Audio Sampling Rate	N/A
Environment Noise Filtering	N/A
Audio Bit Rate	N/A
NETWORK	
Security	Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication
Network Storage	NAS (NFS, SMB/ CIFS)
Protocol	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS
	RTSP, NTP, UPnP UDP, SSL/TLS
API	ONVIF
Simultaneous Live View	3 Main Streams & 3 Sub-Streams
Client	VIGI App, VIGI Security Manager, VIGI NVR
Web Browser	Google Chrome 57 and above
	Firefox 52 and above
	Safari 11 and above
	Microsoft Edge 91 and above
Cloud	Yes
ONVIF	Yes
INTERFACES	
Network Interface	1 RJ45 10/100M Self-Adaptive Ethernet Port
Alarm	N/A
Reset Button	N/A
Power	DC Power Port
Button	-
Video Output	-
On-board Storage	N/A
Built-in Microphone	N/A
Built-in Speaker	N/A
Audio	N/A
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	Message Push

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Linkage Method	N/A
Output Notification	Message Push
GENERAL	
Package Contents	VIGI Network Camera
	Quick Start Guide
	Waterproof Cable Attachments
	Mounting Accessories
Operating Temperature	-30-60 degreesC
Storage Temperature	-40-60 degreesC
Storage Humidity	95% or Less (Non-Condensing)
Operating Humidity	95% or Less (Non-Condensing)
Dimensions(H X W X D)	174 x 74 x 71 mm
Material	Plastic
General Features	Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening
Power Requirements	PoE (802.3af/at, class 0)
Net Weight	0.2 Kg
Gross Weight	0.35 Kg
Power Consumption	PoE: Class 0
Power Supply	PoE (802.3af/at, class 0)
Protection	IP67
Product Dimensions (L x W x H)	73 x 174 x 71 mm
Certifications	CE/BSMI/VCCI/ONVIF
VIDEO/IMAGE	
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264
	Sub-Stream: H.265/H.264
Frame Rate & Resolutions	Main Stream:
	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution: 1920x1080, 1280x960, 1280x720
	Sub-Stream:
	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution: 704x576, 640x480, 352x288, 320x240
Max. Resolution	2MP (1920 x 1080)
Video Streaming	Main Stream
	Sub-Stream
Image Settings	Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software, Rotation(90degrees/270degrees)
Image Enhancement	BLC/3D DNR/HLC/SmartIR

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Video Bit Rate	64 Kbps to 4 Mbps
Day/Night Switch	Day/Night/Auto/Schedule
SMART FEATURE-SET	
Smart Event	Human & Vehicle Classification, Intrusion Detection, Line-Crossing Detection, Human Detection, Vehicle Detection, Region Entering Detection, Region Exiting Detection, Object Abandoned Detection, Object Removal Detection
Basic Event	Motion Detection, Camera Tampering Detection, Exception (Illegal Login)
Linkage Method	Trigger Notification: ONVIF, HTTPS
Region of Interest	1 Region

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/TP-VIGI-C320I-4-TP-Link-C320-Vigi-2MP-Outdoor-IR-Bullet-Buy-p-328390.php>

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