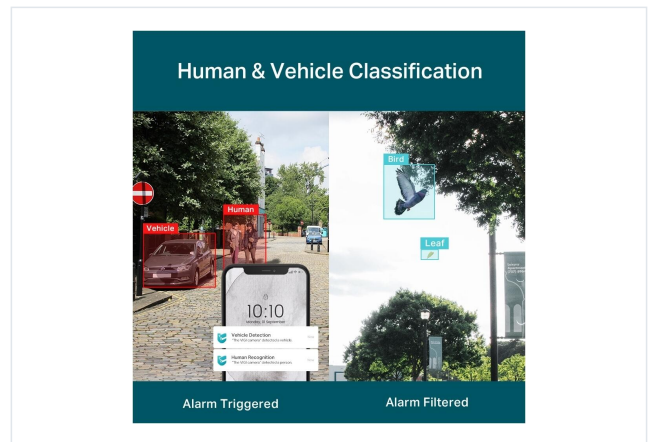
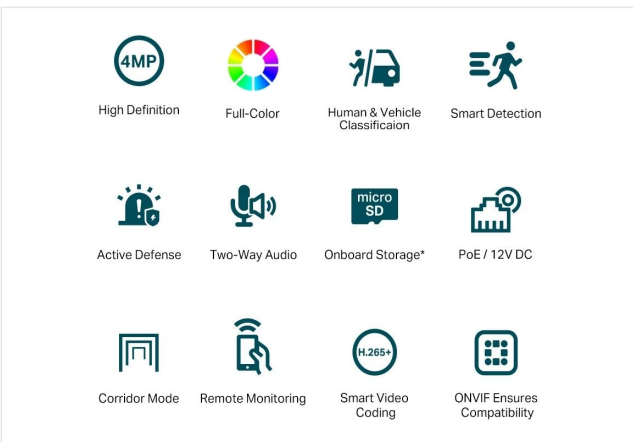


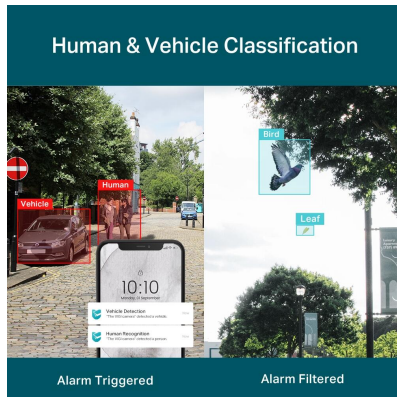
VIGI C440(2.8MM)

TP-Link C440 Vigi 4MP Full-colour Turret Network camera with 2.8mm Lens

Product Overview

TP-Link C440 Vigi 4MP Full-colour Turret Network camera with 2.8mm Lens, 1/3" Progressive Scan CMOS image Sensor, 3D DNR, DWDR, 2560x1440 maximum Resolution, H.265+ / H.265 / H.264+ / H.264 Video Compression, 2 IR LED 30m range, 2 White LED 30m range, BLC / 3D DNR / HLC / SmartIR, 1 region ROI, Two-Way audio, Built-In Microphone, Built-In Speaker, 1x RJ45 10/100 Mbit Self-Adaptive Ethernet Port, Support MicroSD card up to 256 GB, Motion detection, People detection





Specifications

Overview Summary:

Buy the TP-Link VIGI C440 4MP Full-Colour Turret Network Camera for clear, reliable security monitoring day and night. Its 2.8mm lens, 4MP resolution, full-colour night monitoring, smart human and vehicle detection, two-way audio, and onboard MicroSD storage support make it a practical choice for modern surveillance.

Suitable for homes, offices, shops, warehouses and other properties, the VIGI C440 supports PoE or 12V DC installation and flexible remote monitoring. Shop now and add dependable smart security to your surveillance setup.

Performance tier:Mid-range professional

Uses:Home security, business surveillance, office monitoring, retail security, warehouse monitoring, property surveillance, entrance monitoring, corridor monitoring

Overview:

The TP-Link VIGI C440 is a 4MP Full-Color Turret Network Camera designed to provide clear, detailed surveillance footage around the clock. Its 4MP resolution captures more detail, while the large-aperture lens, high-sensitivity sensor, and supplemental lighting deliver full-color monitoring even in very dark conditions. Human and vehicle classification helps distinguish people and vehicles from other objects for more accurate event notifications. Smart detection identifies abnormal events such as area intrusion and line crossing, while active defense can warn potential intruders using sound and light. Two-way audio enables voice communication through the camera, and Smart IR, WDR, 3D DNR, and night vision technologies improve image quality in challenging lighting conditions. H.265+ compression reduces video file sizes while helping maintain image quality, lowering storage requirements and network load. Corridor Mode supports monitoring of long and narrow areas, while flexible management is available through the web interface, NVR interface, VIGI app, and VIGI Security Manager. Local and onboard storage are supported, with a microSD card capacity of up to 256GB.

Description:

The TP-Link VIGI C440 4MP Full-Color Turret Network Camera is a versatile surveillance solution for homes, offices, shops, warehouses, commercial properties, and other areas requiring reliable network video monitoring. The 2.8mm lens provides a broad viewing perspective, while the 4MP sensor delivers 2560 x 1440 resolution for detailed footage.

Full-color monitoring is available 24 hours a day, supported by the camera's high-sensitivity sensor and built-in white LEDs. The combination of infrared and white LED illumination provides up to 30m lighting range, helping maintain useful visibility in

low-light and nighttime environments.

The camera also includes intelligent detection capabilities that can help reduce unnecessary alerts. Human and vehicle classification allows the system to focus on relevant activity, while configurable detection rules can identify events such as intrusion, line crossing, region entry, region exit, abandoned objects, and object removal.

For additional security, active defense can use the camera's built-in speaker and lighting to provide audible and visual warnings when abnormal activity is detected. Two-way audio also allows users to communicate remotely through the built-in microphone and speaker.

Features:

Clear 4MP Full-Color Surveillance

The VIGI C440 provides up to 2560 x 1440 resolution, delivering detailed video for everyday security monitoring. Full-color imaging is supported in dark environments using the camera's high-sensitivity sensor, large-aperture 2.8mm lens, and supplemental lighting.

Image enhancement technologies help maintain usable footage when lighting conditions are difficult:

- Smart IR helps manage infrared illumination and reduce overexposure.
- WDR helps balance bright and dark areas within the same scene.
- 3D DNR helps reduce image noise, particularly in low-light conditions.
- HLC and BLC help improve image visibility in challenging lighting situations.
- SmartIR supports more controlled nighttime illumination.

Intelligent Human and Vehicle Detection

Built-in intelligent processing can distinguish humans and vehicles from other moving objects. This helps improve event accuracy and allows monitoring rules to be configured according to the requirements of the installation.

Supported detection functions include:

- Intrusion detection
- Line-crossing detection
- Region entering detection
- Region exiting detection
- Abandoned object detection
- Object removal detection

These functions can help security systems focus on activity that matters rather than generating unnecessary alerts for every movement in the camera's field of view.

Active Defense and Two-Way Audio

The VIGI C440 includes active defense capabilities that can provide sound and light warnings when abnormal activity is detected. This can help deter potential intruders before they progress further into a monitored area.

With its built-in microphone and speaker, the camera also supports two-way audio. Users can listen to activity around the camera and communicate remotely when required.

Efficient Video Storage and Network Performance

H.265+ video compression reduces the amount of storage space and network bandwidth required for surveillance footage while maintaining useful image quality. This makes the camera suitable for installations where recording capacity and network efficiency are important considerations.

The camera supports onboard microSD storage of up to 256GB, providing an option for local recording without relying entirely

on an NVR.

Flexible Installation and Management

The VIGI C440 can be managed through multiple platforms, giving installers and users flexibility when setting up and monitoring their security system. Supported management options include the web UI, NVR UI, VIGI app, and VIGI Security Manager.

The camera supports PoE as well as 12V DC power, making it suitable for different network installation requirements. ONVIF compatibility also helps integrate the camera with compatible third-party surveillance equipment.

Corridor Mode for Narrow Areas

Corridor Mode changes the viewing orientation from the standard 16:9 format to 9:16 . This is useful when monitoring locations such as hallways, aisles, corridors, entrances, and other long or narrow spaces where a vertical viewing perspective can make better use of the available image area.

Key Technical Details

- Model: TP-Link VIGI C440
- Part Number / SKU: VIGI C440(2.8MM)
- Camera type: 4MP Full-Color Turret Network Camera
- Lens: 2.8mm
- Image sensor: 1/3" Progressive Scan CMOS
- Maximum resolution: 2560 x 1440
- Video compression: H.265+, H.265, H.264+, H.264
- IR LED range: Up to 30m
- White LED range: Up to 30m
- Ethernet: 1 x RJ45 10/100 Mbps self-adaptive Ethernet port
- Audio: Built-in microphone and speaker with two-way audio
- Storage: MicroSD card up to 256GB
- Detection: Motion, human and vehicle classification
- Image processing: BLC, HLC, WDR, 3D DNR and SmartIR
- ROI: 1 region
- Power options: PoE / 12V DC
- Compatibility: ONVIF support

The TP-Link VIGI C440 is a practical choice for users looking for a 4MP security camera with full-color night monitoring, intelligent detection, two-way audio, active defense, local storage, and flexible network management. Its combination of detailed imaging, AI-assisted event detection, efficient H.265+ compression, and multiple monitoring options makes it suitable for both residential and commercial surveillance installations.

Specifications:

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Specifications	
Product Code	VIGI C440(2.8MM)
CAMERA	
Image Sensor	1/3" Progressive Scan CMOS

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Product Specification Sheet

Shutter Speed	1/3 to 1/10000 s
Slow Shutter	Yes
Minimum Illumination	0.005 Lux, 0 Lux with IR/White Light
Day/Night Mechanism	IR Cut Filter
Day/Night Switch	Unified/ Scheduled/ Auto
LENS	
Type	Fixed Focal Lens
Focal Length	2.8 mm/4 mm
Aperture	2.8 mm: F1.6
	4 mm: F1.6
FOV	2.8mm:
	Horizontal FOV: 101degrees, Vertical FOV: 57degrees, Diagonal FOV: 123degrees
	4mm:
	Horizontal FOV: 86degrees, Vertical FOV: 48degrees, Diagonal FOV: 103degrees
Lens Mount	M12*P 0.5
DORI Distance	2.8 mm:
	Detect: 64 m (209 ft)
	Observe: 27 m (87 ft)
	Recognize: 13 m (42 ft)
	Identify: 6 m (21 ft)
	4 mm:
	Detect: 80 m (262 ft)
	Observe: 33 m (109 ft)
	Recognize: 16 m (52 ft)
	Identify: 8 m (26 ft)
VIDEO	
Max. Resolution	2560 X 1440
Main Stream	Frame Rate
	50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps
	60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution:
	2560x1440, 2304x1296, 2048x1280, 1920x1080, 1280x720
	Note: If the image rotation is set to 90degrees or 270degrees, the frame rate only
	supports up to 20fps.

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Product Specification Sheet

Sub-Stream	Frame Rate:
	50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps
	60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution:
	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	Quantity: 2
	Range: 30m
Illuminator On/Off Control	Auto/Scheduled/Always on/Always off
ANGLE ADJUSTMENT (MANUAL)	
Range	Pan: 0degrees to 360degrees
	Tilt: 0degrees to 85degrees
	Rotate: 0degrees to 360degrees
IMAGE	
Image Settings	Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance, Prevent Overexposure to Infrared Light, HLC 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

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Product Specification Sheet

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)
NETWORK	
Security	Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication
Protocol	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS
Network Storage	NAS (NFS, SMB/ CIFS)
API	Open Network Video Interface (Profile S)
Simultaneous Live View	3 Main Streams & 3 Sub-Streams
Client	VIGI App, VIGI Security Manager, VIGI NVR, Web
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, PoE
Alarm	N/A
Reset Button	Yes
Power	DC Power Port
On-board Storage	Built-In Memory Card Slot, Support MicroSD Card, Up to 256 GB
Built-in Microphone	Yes, Records Anything Going on within a 15-ft Radius of the Camera
Built-in Speaker	Yes
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	Memory Card Video Recording, Message Push, Audible Warning, White Light Flashing

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Product Specification Sheet

Linkage Method	N/A
Output Notification	Message Push
GENERAL	
Package Contents	VIGI Network Camera
	Quick Start Guide
	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)
Material	Plastic
Net Weight	0.24 Kg
Gross Weight	0.4 Kg
Power Supply	12V DC +/- 5%, Max. 7 W, 5.5mm Coaxial Power Plug
	PoE: 802.3af/at, class 0, Max. 8 W
Product Dimensions (L x W x H)	Ø123x84 mm
Certifications	CE, EAC, UKCA, RCM, Triman, BSMI, VCCI, FCC, IC

Product Information Online

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

Product page: <https://www.comx.co.za/VIGI-C440-2-8MM-TP-Link-C440-Vigi-4MP-Full-colour-Turret-Buy-p-339866.php>

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