ComX Computers
Product Specification Sheet

TP-VIGI-C340-4

TP-Link Vigi C340 4MP Outdoor Full-colour Bullet Network camera with 4mm lens

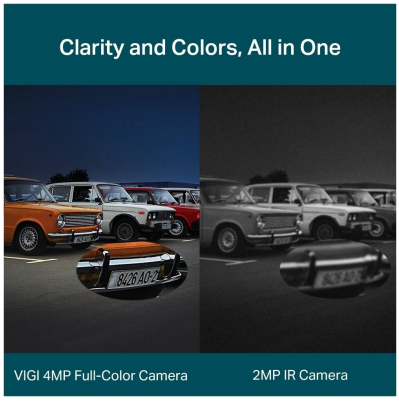
Product Overview

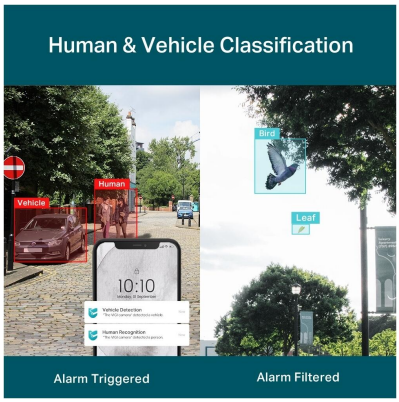
TP-Link Vigi C340 4MP Outdoor Full-colour Bullet Network camera with 4mm Lens, 3D DNR Digital noise reduction, IP66 weatherproof rating, 2560x1440 maximum Resolution, 30m IR LED range, 30m White LED range, BLC / 3D DNR / HLC / SmartIR, DWDR wide Dynamic range, 1 region ROI, Two-Way audio, 1x RJ45 10/100 Mbit Self-Adaptive Ethernet Port, Built-In Microphone, Built-In Speaker, Micro SD card, Motion detection











Specifications

Overview Summary:

The TP-Link Vigi C340 4MP Outdoor Full-Color Bullet Network Camera delivers reliable, high-definition security for homes and businesses in South Africa. Designed for 24-hour monitoring, this camera provides full-color footage even in low light and uses AI to distinguish humans and vehicles for smarter alerts. Easy to install with PoE or 12V DC power, it supports local microSD storage and seamless management via mobile or web apps. Shop now to enhance your property security with advanced surveillance features.

With IP67 weatherproofing, two-way audio, and flexible mounting options, the Vigi C340 ensures dependable performance in all outdoor conditions. Buy now to protect your property with crisp, clear images and real-time notifications.

Performance tier: High

Uses: Home security, Office surveillance, Outdoor monitoring, Vehicle detection, Nighttime surveillance

Overview:

VIGI 4MP Outdoor Full-Color Bullet Network Camera
Experience advanced security with the VIGI 4MP Outdoor Full-Color Bullet Network Camera. Designed for reliable outdoor monitoring, it delivers crystal-clear video, intelligent detection, and flexible control to keep your property safe around the clock.

Description
The VIGI 4MP camera offers 24-hour full-color surveillance with a 4MP super-high-definition sensor, AI-powered human and vehicle detection, smart event notifications, and two-way audio. Its robust IP67 weatherproof design, easy PoE/12V DC power options, and multiple management methods make installation and monitoring simple and efficient. The camera supports local storage with microSD cards up to 256GB and advanced video processing for clearer, more detailed images in all conditions.

Features:

High-Definition 4MP Resolution
Capture every detail with 4MP clarity. Whether monitoring a home, office, or outdoor area, the high-resolution sensor ensures sharp images, helping you identify objects and activity more easily.

24-Hour Full-Color Surveillance
Monitor your property in full color day and night. The large-aperture lens, high-sensitivity sensor, and built-in supplemental

lights provide vivid images even in low-light conditions, ensuring nothing goes unnoticed.

AI-Powered Human and Vehicle Detection
Distinguish humans and vehicles from other moving objects with integrated AI algorithms. Customize alerts to match your security needs, receiving notifications only for relevant events.

Intelligent Event Notifications
The camera detects a wide range of activities, including:

- Motion detection
- Line crossing
- Intrusion detection
- Object removal or abandonment
- Camera tampering

You'll receive instant alerts and can review events immediately through your preferred interface.

Active Defense System
Protect your property proactively. When an abnormal event is detected, the camera triggers sound and light alarms to warn intruders and deter potential threats.

Two-Way Audio Communication
Interact in real time with anyone near the camera. Two-way audio allows you to listen and speak instantly, enhancing security and situational response.

Advanced Video Processing
Enhance every recording with professional video technologies, including Smart IR, Wide Dynamic Range (WDR), 3D Digital Noise Reduction (3D DNR), and night vision. These enhancements improve visibility and maintain clear images in challenging lighting conditions.

Efficient Compression and Storage
H.265+ compression delivers crystal-clear video without increasing bandwidth usage. Save disk space, reduce network strain, and lower monitoring costs without sacrificing image quality.

Reliable Outdoor Performance
Designed for all-weather conditions, the camera meets IP67 standards for waterproof and dustproof protection, ensuring stable operation in outdoor environments.

Easy PoE and DC Power Options
Simplify installation with Power over Ethernet (PoE) or 12V DC options. A single RJ45 cable handles both power and data transmission, reducing wiring complexity and saving installation time.

Flexible Management and Storage Options
Control your security system via multiple methods:

- Web UI
- NVR interface
- VIGI mobile app
- VIGI Security Manager

Local storage is supported on all platforms, and the camera features a microSD card slot supporting up to 256GB for onboard recording.

Versatile Installation
Mount the camera on walls, ceilings, or poles to find the optimal viewing angle. Its flexible design ensures seamless integration into any security setup.

Specifications:

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Specifications	
Product Code	TP-VIGI-C340-4
CAMERA	
Image Sensor	1/3" Progressive Scan CMOS
Shutter Speed	1/3 to 1/10000 s
Slow Shutter	Yes
Minimum Illumination	Color: 0.005 Lux, 0 Lux with IR/white light
Day/Night Mechanism	IR Cut Filter
Day/Night Switch	Day/Night/Auto/Schedule-Switch
Lens	Fixed focal lens (2.8 mm / 4 mm / 6 mm)
Aperture	2.8 mm: F1.6
	4 mm: F1.6
	6 mm: F1.6
Lens Mount	M12
Viewing Angle	2.8mm
	Horizontal FOV: 96.1degrees, Vertical FOV: 52degrees, Diagonal FOV: 113.6degrees
	4mm
	Horizontal FOV: 80degrees, Vertical FOV: 43.2degrees, Diagonal FOV: 94.2degrees
	6mm
	Horizontal FOV: 49.3degrees, Vertical FOV: 26.8degrees, Diagonal FOV: 57.4degrees
IR Working Distance	30m
Illumination Distance	30 m
Digital Noise Reduction	3D DNR
WDR	DWDR
Weatherproof Rating	IP67
LENS	
Type	Fixed Focal Lens
Focal Length	2.8 mm/4 mm/6 mm

Aperture	2.8 mm: F1.6
	4 mm: F1.6
	6 mm: F1.6
FOV	2.8mm:
	Horizontal FOV: 96.1degrees, Vertical FOV: 52degrees, Diagonal FOV: 113.6degrees
	4mm:
	Horizontal FOV: 80degrees, Vertical FOV: 43.2degrees, Diagonal FOV: 94.2degrees
	6mm:
	Horizontal FOV: 49.3degrees, Vertical FOV: 26.8degrees, Diagonal FOV: 57.4degrees
Lens Mount	M12
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)
	6 mm
	Detect: 128 m (420 ft)
	Observe: 53 m (175 ft)
	Recognize: 26 m (84 ft)
	Identify: 13 m (42 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.

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: -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	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
Network Storage	NAS (NFS, SMB/ CIFS)
Protocol	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS
API	Open Network Video Interface (Profile S)
Simultaneous Live View	Up to 6 Channels
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
Audio Input	Built-in Microphone
Audio Output	N/A
Alarm	N/A
Reset Button	Yes
Power	DC Power Port
Button	Reset Button
Slot	Micro SD card
On-board Storage	Built-In Memory Card Slot, Support MicroSD Card
	Up to 256 GB
Built-in Microphone	Yes
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
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)	78 x 70 x 174 mm
Material	Plastic
Weight	195g
General Features	Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening
Power Requirements	12V DC +/- 5%, 5.5mm Coaxial Power Plug
	PoE (802.3af/at, class 0)
Net Weight	0.28 Kg
Gross Weight	0.42 Kg
Power Consumption	12V DC: Max 7.5W
	PoE: Class 0
Power Supply	12V DC +/- 5%, 5.5mm Coaxial Power Plug
	PoE (802.3af/at, class 0)
Protection	IP67
Product Dimensions (L x W x H)	78 x 174 x 70 mm
Certifications	CE, RCM, BSMI, VCCI, RoHS, NTRA, KC
VIDEO/IMAGE	
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
Frame Rate & Resolutions	Main Stream
	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution: 2560x1440, 2304x1296, 2048x1280, 1920x1080, 1280x720
	Sub-Stream
	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution: 640x480, 352x288, 320x240
Max. Resolution	2560 X 1440
Video Streaming	Main Stream
	Sub-Stream
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
Video Bit Rate	Main Stream: 256 Kbps to 4 Mbps
	Sub-Stream: 64 Kbps to 512 Kbps
Day/Night Switch	Day/Night/Auto/Schedule-Switch
Privacy Mask	Up to 4 Masks
SMART FEATURE-SET	
Input Trigger	Motion Detection, Video Tampering Detection, Exception (Illegal Login), 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
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)
Linkage Method	N/A
Region of Interest	1 Region
Alarm Linkage	Memory Card Video Recording, Message Push, Audible Warning, White Light Flashing
Output Notification	Message Push

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-C340-4-TP-Link-Vigi-C340-4MP-Outdoor-Full-colour-Bullet-Network-camera-with-p-327095.php

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