

TP-VIGI-C340S-4

TP-Link VIGI-C340 4MP Outdoor ColorPro Night Vision Bullet Network camera with 4mm Lens

Product Overview

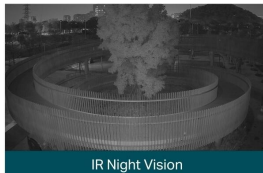
TP-Link VIGI-C340 4MP Outdoor ColorPro Night Vision Bullet Network camera with 4mm Lens, 4 White LED with 30m illumination distance, No IR LED, 3D DNR Digital Noise Reduction, IP67 Weatherproof rating, 2688x1520 maximum Resolution, H.265+ / H.265 / H.264+ / H.264 Video Compression, Image enhancement - BLC / 3D DNR / HLC, 120 dB wide Dynamic range, 1 region ROI, Two-Way Audio, 3 Main streams & 3 Sub-Streams, Motion Detection, Video tampering detection, Exception (Illegal Login), Supports simultaneous detection and Capture of human Body and vehicle, People & vehicle analytics, Face Capture, Face comparison, 1x RJ45 10/100 Mbit Self-Adaptive Ethernet Port Network Interface, Built-In Microphone, Built-In Speaker, Built-In Memory card slot, Support MicroSD card up to 256 GB



4MP High Definition	120dB WDR True WDR	Face Recognition
People & Vehicle Analytics	Human & Vehicle Classification	Smart Detection
Two-Way Audio	Active Defense	H.265+ Smart Video Coding
IP67	Remote Monitoring	micro SD Onboard Storage

Better than the Naked Eye

VIGI ColorPro Night Vision
Naked Eye

Beyond IR

Specifications

Overview Summary:

The TP-Link VIGI C340S 4MP Outdoor ColorPro Night Vision Bullet Camera offers powerful, full-colour surveillance for both homes and businesses in South Africa. Designed to deliver crisp, clear footage in all lighting conditions, it combines AI-powered detection with reliable two-way audio and IP67 weatherproof protection. With its intelligent motion alerts, people and vehicle analytics, and easy PoE installation, it provides a smart, efficient way to secure your property day and night. Shop now for dependable, high-definition security monitoring.

Performance tier:Professional

Uses:Home security, business surveillance, outdoor monitoring, vehicle detection, perimeter protection

Overview:

TP-Link VIGI C340S 4MP Outdoor ColorPro Night Vision Bullet Network Camera

The TP-Link VIGI C340S delivers advanced surveillance for businesses and homeowners who demand reliability, clarity, and intelligent monitoring. Designed for outdoor use, it combines powerful ColorPro Night Vision with AI-driven analytics to ensure accurate detection and vivid 24/7 footage, even in near-total darkness.

Description:

The TP-Link VIGI C340S 4MP Outdoor Bullet Camera is built for exceptional night vision, intelligent motion detection, and comprehensive security management. With its ColorPro Night Vision technology, the camera captures full-color images in extremely low-light conditions without additional lighting. It features AI-powered face recognition, people and vehicle analytics, active defense alerts, and IP67-rated weatherproof durability. Easy to install and manage through multiple platforms, it ensures reliable performance and peace of mind for business and home security.

Features:

Unmatched Clarity in Low Light

Experience round-the-clock high-definition footage with the VIGI C340S. Its ColorPro Night Vision technology delivers bright, full-color images in environments where traditional cameras produce only grayscale. The F1.0 large aperture and 1/1.8-inch highly sensitive sensor work together to capture up to four times more light, maintaining vivid color accuracy without the need for strong external lighting.

Sharper Detail, Smarter Vision

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Product Specification Sheet

Conventional IR and full-color cameras often struggle with digital noise and loss of detail in darkness. The C340S overcomes these limitations with advanced image processing via an embedded ISP module, achieving crisp, clear visuals and balanced exposure through 120 dB Wide Dynamic Range.

Eco-Friendly Low-Light Performance

Unlike standard full-color cameras that rely on bright illumination, the VIGI C340S minimizes light pollution while still delivering superior image brightness. Its uniquely designed white LEDs provide concentrated, soft lighting within the camera's field of view, reducing glare and improving nighttime visibility.

AI-Powered Human and Vehicle Recognition

Equipped with built-in AI algorithms, the camera intelligently distinguishes between people, vehicles, and other objects. You can set customized detection rules to receive accurate event notifications tailored to your monitoring needs. This minimizes false alarms and ensures critical events never go unnoticed.

Comprehensive Smart Detection

Pre-configured rules help detect abnormal activity such as:

- Intrusion detection
- Line-crossing detection
- Region entering and exiting
- Object removal
- Abandoned objects
- Loitering detection

Activity zones can be customized to focus on sensitive areas, providing targeted and efficient monitoring.

Advanced Face Recognition Technology

The VIGI C340S captures and analyzes facial features using an integrated algorithm, forming a unique facial profile for quick and accurate identification. This enhances access control, attendance tracking, and overall site security by preventing unauthorized entry.

People and Vehicle Analytics

The camera enables faster searches and smarter analysis:

- People Analysis: Filter recorded footage based on attributes like gender, clothing color, and hair length.
- Vehicle Analysis: Identify vehicles by color or type to streamline event tracking.

Active Defense and Two-Way Audio

When suspicious activity is detected, the camera can trigger sound and light alarms to deter potential intruders. Integrated two-way audio allows you to communicate directly with anyone near the camera, providing instant interaction and enhanced control.

Reliable Performance and Connectivity

With Power over Ethernet (PoE) support, installation is simplified and cabling is reduced. The IP67 weatherproof rating ensures dependable outdoor operation in all weather conditions.

Smart Video Compression and Storage

Using H.265+ compression, the VIGI C340S reduces video file sizes without compromising quality-optimizing bandwidth and storage efficiency. Local storage is available via a MicroSD card slot supporting up to 256 GB, alongside multiple remote management options.

Easy Remote Management

Stay connected to your surveillance system from anywhere using the VIGI app, web interface, NVR UI, or VIGI Security Manager. Flexible access options make it easy to monitor, record, and review footage at any time.

Security You Can Depend On

The TP-Link VIGI surveillance system safeguards your business or property with advanced monitoring tools, reliable hardware, and intelligent automation. Designed for professional use, it combines powerful analytics, easy setup, and consistent performance-helping you protect what matters most, day and night.

Specifications:

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Specifications	
Product Code	TP-VIGI-C340S-4
CAMERA	
Image Sensor	1/1.8" Progressive Scan CMOS
Shutter Speed	1/3 to 1/10000 s
Slow Shutter	Yes
Aperture	4 mm: F1.0
	6 mm: F1.0
Lens	Fixed focal lens (4 mm / 6 mm)
Lens Mount	M12
Minimum Illumination	Color: 0.0005 Lux, 0 Lux with white light
Day/Night Mechanism	NA
Day/Night Switch	Day/Night/Auto/Schedule-Switch
IR LED	N/A
White LED	Quantity: 4
Digital Noise Reduction	3D DNR
WDR	120dB
Weatherproof Rating	IP67
Illumination Distance	30 m
Viewing Angle	4mm: Horizontal FOV: 95.2degrees, Vertical FOV: 50.6degrees, Diagonal FOV: 114.7degrees
	6mm: Horizontal FOV: 57.1degrees, vertical FOV: 30.2degrees, Diagonal FOV: 67.2degrees
LENS	
Type	Fixed Focal Lens
Focal Length	4 mm
Aperture	F1.0
FOV	4mm: Horizontal FOV: 95.2degrees, Vertical FOV: 50.6degrees, Diagonal FOV: 114.7degrees
Lens Mount	M16*P 0.5

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Product Specification Sheet

DORI Distance	4 mm:
	Detect: 70 m (231 ft)
	Observe: 29 m (96 ft)
	Recognize: 14 m (46 ft)
	Identify: 7 m (23 ft)
ANGLE ADJUSTMENT (MANUAL)	
Range	Pan: -90degrees to 90degrees
	Tilt: -90degrees to 90degrees
ILLUMINATOR	
IR LED	N/A
White LED	Quantity: 4
	Range: 30m
Illuminator On/Off Control	Auto/Scheduled/Always on/Always off
VIDEO	
Max. Resolution	2688 x 1520
Main Stream	Frame Rate :
	50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps
	60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution:
	2688x1520, 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

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Product Specification Sheet

Video Bit Rate	Main Stream: 256 Kbps to 6 Mbps
	Sub-Stream: 64 Kbps to 512 Kbps
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
Wide Dynamic Range	120 dB
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	
Protocol	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP, UDP, SSL/TLS
ONVIF	Yes
API	ONVIF
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
Security	Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication
Network Storage	NAS (NFS, SMB/ CIFS)
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, Loitering Detection

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Product Specification Sheet

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
DEEP LEARNING FUNCTION	
Multi-Target-Type Detection	Supports Simultaneous Detection and Capture of Human Body and Vehicle
People & Vehicle Analytics	Search and filter to people or vehicle of interest based on many different attributes, making post-event search faster and easier.
Face Capture	Support
Face Comparison	Support
Perimeter Protection	Motion, Line-Crossing, Intrusion, Region Entering, Region Exiting, Loitering.
	Supports Alarm Triggering by Specified Target Types (Human and Vehicle)
INTERFACES	
Network Interface	1 RJ45 10/100M Self-Adaptive Ethernet Port
Audio Input	Built-in Microphone
Audio Output	Built-in Speaker
Alarm	N/A
Reset Button	Yes
Power	DC Power Port
Button	Reset Button
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
GENERAL	
Operating Temperature	-30-60 degreesC
Storage Temperature	-40-60 degreesC
Operating Humidity	95% or Less (Non-Condensing)
Storage Humidity	95% or Less (Non-Condensing)
Package Contents	VIGI Network Camera
	Quick Start Guide
	Waterproof Cable Attachments
	Mounting Accessories
Dimensions(H X W X D)	99 x 102 x 236 mm
Materia	Front Cover: Mental
	Other: Plastic

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Product Specification Sheet

Material	Front Cover: Metal
	Back Cover: Plastic
General Features	Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening
Power Consumption	12V DC: Max 10.1W
	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)	102 x 236 x 99 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
Frame Rate & Resolutions	Main Stream
	Frame Rate:
	50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps
	60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution: 2688x1520, 2560x1440, 2304x1296, 2048x1280, 1920x1080, 1280x720
	Sub-Stream
	Frame Rate:
	50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps
	60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution: 640x480, 352x288, 320x240
Video Streaming	Main Stream
	Sub-Stream
Image Settings	Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software
Image Enhancement	BLC, HLC, 3D DNR
Video Bit Rate	Main Stream: 256 Kbps to 4 Mbps
	Sub-Stream: 64 Kbps to 512 Kbps
SMART FEATURE-SET	
Smart Event	Intrusion Detection, Object Abandoned/Removal Detection, Region Entering Detection, Region Exiting Detection, Loitering Detection, Line Crossing Detection, Human Detection, Vehicle Detection
Basic Event	Motion detection, Camera Tampering, Scene Change 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.co.za/TP-VIGI-C340S-4-TP-Link-VIGI-C340-4MP-Outdoor-ColorPro-Buy-p-331081.php>

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