tp-link | VIGI

Datasheet
Security Never Shuts Down

Outdoor ColorPro

Night Vision Bullet Network Camera

MODEL: VIGI C340S(4mm)



4MP | H.265+
VIGI C340S(4mm)

ColorPro
Night Vision

Face Recognition*

People & Vehicle Analytics*

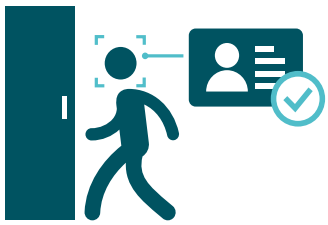
Human & Vehicle Classification

Smart Detection

120dB WDR
True WDR

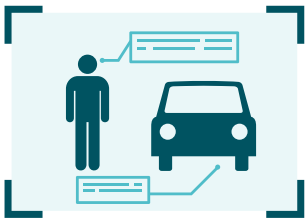
Face Recognition

Efficiently enhances access management and attendance control while better protecting privacy*.



People & Vehicle Analytics

Quickly find people or vehicles of interest using various attributes, greatly improve your search efficiency*.



Human & Vehicle Classification

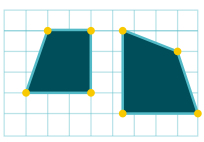
Intelligently distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.



Smart Detection



Motion Detection



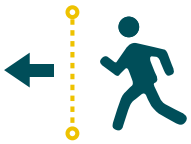
Region Intrusion



Object Removal Detection



Region Exiting Detection



Line-Crossing



Camera Tampering



Object Abandoned Detection

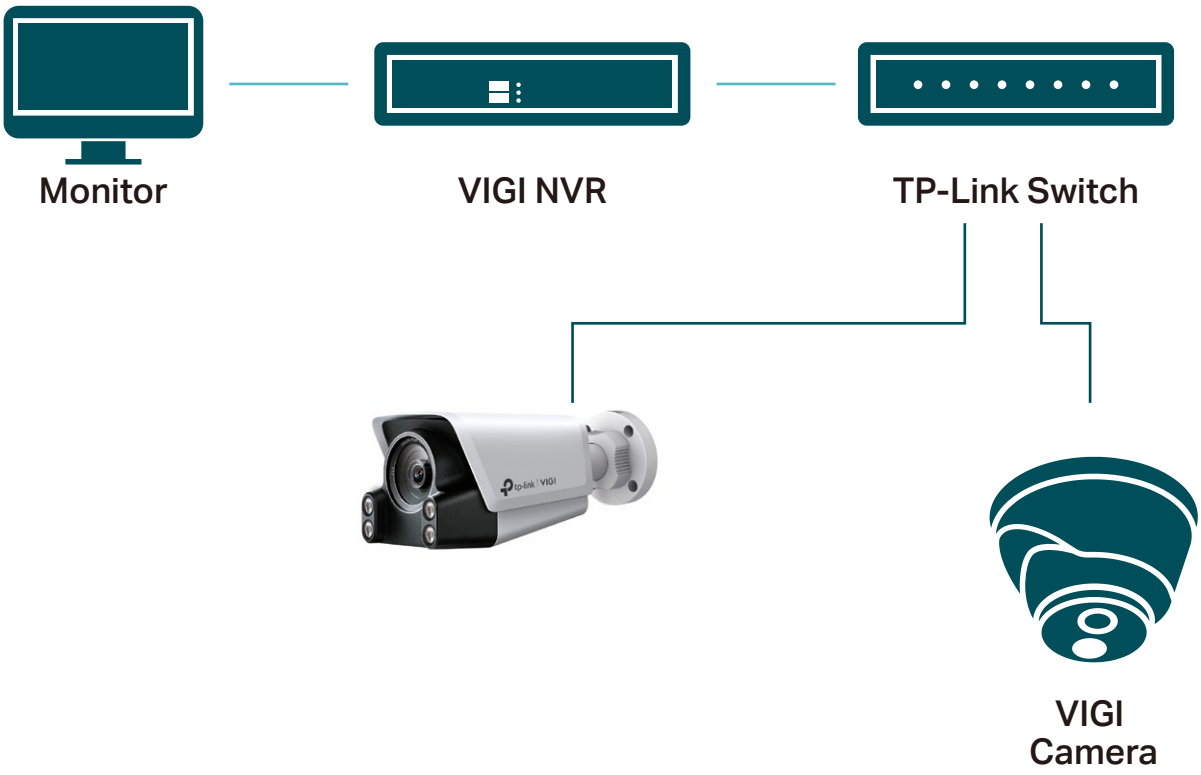


Region Entering Detection

VIGI Surveillance Solution

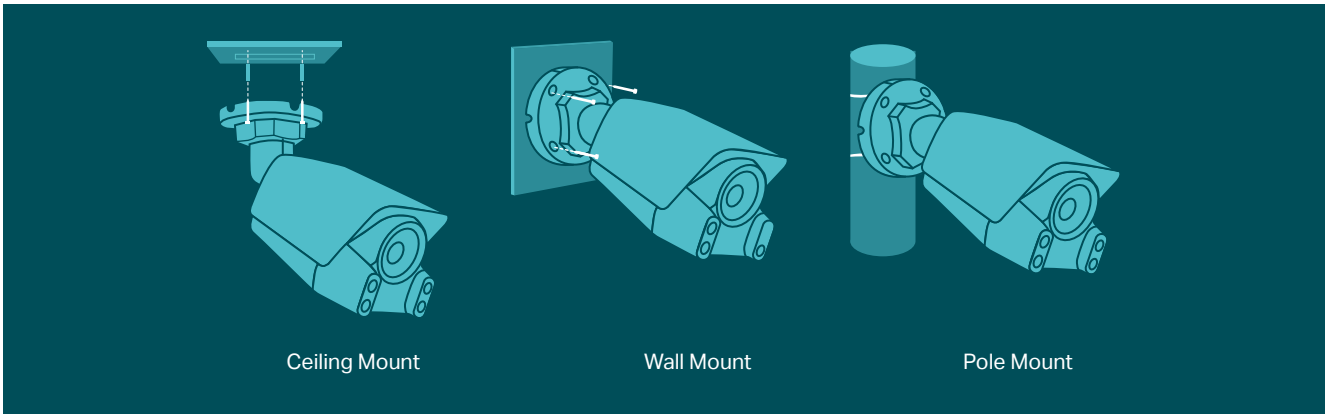
The VIGI professional surveillance system by TP-Link is dedicated to protecting the business that you've worked hard to build—whenever, wherever.

Outstanding functions, reliable quality guarantees, and simplified installation work together to ensure your business stays safe and sound.



Flexible Installation

Find the perfect vantage point by simply securing your camera to the ceiling, wall, or pole**.



Build Features





§SD card is not included.

Specifications

Camera	
Product Model	VIGI C340S
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.0005 Lux; 0 Lux with white light
Day & Night Mechanism	N/A
Day/Night Switch	Unified/ Scheduled/ Auto
Lens	
Focal Length	4 mm
Aperture	4 mm: F1.0
Focus	Fixed
FOV	4mm Horizontal FOV: 95.2°, Vertical FOV: 50.6°, Diagonal FOV: 114.7°
Lens Mount	M16*P 0.5
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: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°
Illuminator	
IR LED	N/A
White LED	• Quantity: 4 • Range: 98.43ft (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 90° or 270°, 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: 848x480, 705x576, 640x480, 640x360, 352x288, 320x240 Note: If the image rotation is set to 90° or 270°, the frame rate only supports up to 20fps.
Third Stream	• Frame Rate: 15fps • Resolution: 1280x720
Bit Rate Control	CBR, VBR
Video Compression	• Main Stream: H.265+/H.265/H.264+/H.264 • Sub-Stream: H.265/H.264 • Third Stream: MJPEG
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 6 Mbps • Sub-Stream: 64 Kbps to 512 Kbps

Image	
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
Wide Dynamic Range	120 dB
Image Enhancement	BLC/3D DNR/HLC
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 (Built-in Microphone)
Audio Output	Yes (Built-in Speaker)
Audio Compression	Yes
Audio Sampling Rate	8KHz
Environment Noise Filtering	Yes
Audio Bit Rate	64 Kbps(G.711 alaw)
Network	
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS, FTP/SFTP, RTP, IPv4, IPv6, ARP, SMTP, SNMP
ONVIF	Yes

API	Open Network Video Interface (Profile S/T/G)
Web Browser	• Google Chrome® 57 and above • Firefox® 52 and above • Safari® 11 and above • Microsoft® Edge 91 and above
Security	Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication
Simultaneous Live View	3 Main Streams & 3 Sub-Streams
Client	VIGI App, Web UI, VIGI VMS, VIGI Cloud VMS, VIGI Config Tool, VIGI PC Client
Cloud	Yes
Alarm and Event Management	
Smart Event	• Intrusion Detection • Line-Crossing Detection • People Detection • Vehicle Detection • Region Entering Detection • Region Exiting Detection • Object Abandoned Detection • Object Removal Detection • Loitering Detection • Abnormal Sound Detection • Scene Change Detection
Basic Event	• Motion Detection (Enhanced with Human & Vehicle Classification for more accurate alerts) • Video Tampering Detection • Exception (Illegal Login)
Alarm Linkage	Memory Card Video Recording, Message Push, Audible Warning, White Light Flashing
Deep Learning Function	
People & Vehicle Analytics	Search and filter to people or vehicle of interest based on many different attributes, making post-event search faster and easier*.
Interfaces	
Network Interface	1 RJ45 10/100M Self-Adaptive Ethernet Port, PoE

On-board Storage	Built-In Memory Card Slot, Support MicroSD Card, Up to 512 GB**
Built-in Speaker	Yes
Built-in Microphone	Yes; Records Anything Going on within a 16.4-ft (5 m) Radius of the Camera
Audio	N/A
Alarm	N/A
Reset Button	Yes
Power	DC Power Port
General	
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Storage Temperature	-40 °C to 60 °C (-40 °F to 140 °F)
Operating Humidity	95% or Less (Non-Condensing)
Storage Humidity	95% or Less (Non-Condensing)
Power Supply	• 12V DC ± 5%, Max. 10.1 W, 5.5mm Coaxial Power Plug • PoE: 802.3af/at, class 0, Max. 11.5 W
Package Content	• VIGI Network Camera • Quick Start Guide • Waterproof Cable Attachments • Mounting Accessories
Protection	IP67 Weatherproof
Material	Front Cover: Mental Back Cover: Plastic
Product Dimensions	4.02 × 9.29 × 3.90 in (102 × 236 × 99 mm)
Certifications	CE, NTRA, VCCI, KC, BSMI, FCC, IC

*These features are in development and will update with future software iterations.

**Pole mounting kits and SD card are not included in the package.

Specifications are subject to change without notice and can be found at www.tp-link.com.

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