

VIGI-C340-2.8MM

TP-Link Vigi C340 4MP Outdoor Full-colour Bullet Network camera with 2.8mm lens

Product Overview

TP-Link Vigi C340 4MP Outdoor Full-colour Bullet Network camera with 2.8mm 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



Clarity and Colors, All in One



VIGI 4MP Full-Color Camera

2MP IR Camera



Specifications

Overview:

VIGI 4MP Outdoor Full-Color Bullet Network Camera

- 4MP Super-HighDefinition: The camera comes with 4MP- more than enough pixels to pick up some of the more discrete details.
- 24h Full-Color: Obtain 24-hour color details, even in pitch-black conditions, with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects.
- Active Defense: Warn potential intruders instantly with sound and light when abnormal events.
- Two-Way Audio: Intelligently detect activities, inform you instantly and response automatically by smart detection and two-way audio.
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and Night Vision.
- IP67 Waterproof: Reliable IP67 for stable outdoor performance.
- PoE/12V DC: Two types of power supply not only give you more convenience but also make your wiring remarkably easy.
- Flexible Management and Storage : Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. Local storage is available for each method, as well as onboard storage with SD card slot (up to 256GB).

Features:

Clarity and Colors, All in One

Monitor 24-hour clear and colorful details even in pitch dark night. VIGI's Full-Color camera provides maximum 4MP resolutions and ensures colorful monitoring with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.

Human & Vehicle Classification

Integrated AI chips support advanced algorithms to distinguish humans and vehicles from other objects. You can flexibly customize alarm rules to match your monitoring needs and receive more accurate event notifications.

Smart Detection

Backed by AI algorithms, the VIGI camera offers more smart detection. You will receive notifications when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects.

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Product Specification Sheet

- Motion Detection
- Line-Crossing
- Intrusion Detection
- Object Abandoned Detection
- Object Removal Detection
- Camera Tampering

Active Defense

Warn potential intruders instantly with sound and light when abnormal events

Every Event is Under Your Control.

VIGI camera intelligently detect activities, inform you instantly and response automatically by smart detection and two-way audio.

SmartVid-Smart Video Enhancement

VIGIs professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and Night Vision.

More compression. More savings. Same quality.

Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.

OutdoorPoE Connection, Simple Wiring

Just connect your camera via an RJ45 cable, then power supply and data transmission are all settled. Waterproof hardware protect stable performance in outdoor scenarios.

Flexible Management and Storage

Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager. Local storage is available for each methods, as well as onboard storage with SD card slot (up to 256 GB).

Flexible Installation

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

Specifications:

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Specifications

Product Code	VIGI-C340-2.8MM
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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: 96.1 degrees, Vertical FOV: 52 degrees, Diagonal FOV: 113.6 degrees
	4mm
	Horizontal FOV: 80 degrees, Vertical FOV: 43.2 degrees, Diagonal FOV: 94.2 degrees
	6mm
	Horizontal FOV: 49.3 degrees, Vertical FOV: 26.8 degrees, Diagonal FOV: 57.4 degrees
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: 96.1 degrees, Vertical FOV: 52 degrees, Diagonal FOV: 113.6 degrees
	4mm:
	Horizontal FOV: 80 degrees, Vertical FOV: 43.2 degrees, Diagonal FOV: 94.2 degrees
	6mm:
	Horizontal FOV: 49.3 degrees, Vertical FOV: 26.8 degrees, Diagonal FOV: 57.4 degrees
Lens Mount	M12

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Product Specification Sheet

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 90 degrees or 270 degrees, 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 90 degrees or 270 degrees, 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

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Product Specification Sheet

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: -90 degrees to 90 degrees
	Tilt: -90 degrees to 90 degrees
IMAGE	
Image Settings	Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software, Rotation(90 degrees/270 degrees)
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

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Product Specification Sheet

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)

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Product Specification Sheet

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(90 degrees/270 degrees)
Image Enhancement	BLC/3D DNR/HLC/SmartIR

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Product Specification Sheet

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/VIGI-C340-2-8MM-TP-Link-Vigi-C340-4MP-Outdoor-Full-Buy-p-286571.php>

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