ComX Computers
Product Specification Sheet

CAM-C540-4G-4MM

TP-Link Vigi C540-4G 4MP Outdoor full Colour 4G Pan Tilt Network Camera with 4mm lens

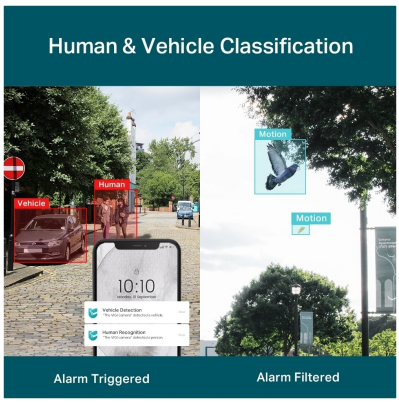
Product Overview

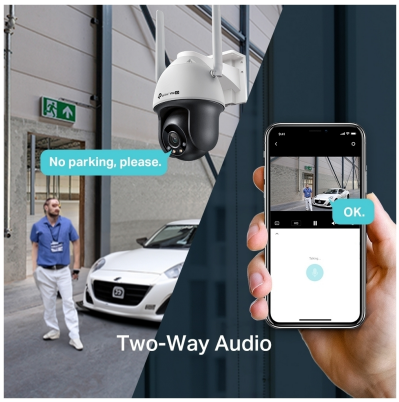
TP-Link Vigi C540-4g 4MP Outdoor full Colour 4G Pan Tilt Network camera with 4mm Lens, 2 IR LED up to 30m range, 2 White LED up to 30m range, 2560x1440 maximum Resolution, Video Compression - H.265+ / H.265 / H.264+ / H.264, BLC / 3D DNR / HLC / SmartIR, DWDR, 1 region ROI, Two-Way audio, ONVIF, 2 Main streams & 2 Sub-Streams simultaneous live View, 4G Nano SIM slot, Motion Detection, Human & Vehicle Detection, 1x RJ45 10/100 Mbit Self-Adaptive Ethernet Port Network Interface, Support MicroSD card up to 512 GB, Built-In Microphone, Built-In Speaker











Specifications

Overview:

VIGI C540-4G

VIGI 4MP Outdoor Full-Color 4G Pan Tilt 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 : Experience clear, vibrant 24-hour monitoring, even in total darkness.
- 4G Mobile Networking :Enjoy hassle-free installation andsimple monitoringinplaces where theinternetis not available.
- 360 degrees Monitoring : Cover every corner and eliminate blind spots.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Actively detects abnormal events like area intrusion and line-crossing, sending notifications to you instantly.
- Automatic Tracking : Automatically trackspersonsorvehicles of interestandprovides seamless and longervideo.
- Active Defense: Warn potential intruders instantly with sound and light when abnormal events.
- Two-Way Audio : With voice intercom support, carry two-way conversations while watching your feed from anywhere.
- H.265+: Compresses the video size without sacrificing video quality, easing the network load and saving disk space.
- IP66 Waterproof: Reliable IP66 for stable outdoor performance.
- Remote Management : Take full control over your security anytime and anywhere on the VIGI app or PC client.
- Onboard Storage : Support on-board storage up to 512 GB (SD card slot).

Features:

Secure Everywhere with a 4G Network

4MP Outdoor Full-Color 4G Pan Tilt Network Camera

- High Definition
- Full-Color
- 4G MobileNetworking
- 360 degreesMonitoring
- Powerful Pan Tilt
- Human & VehicleClassification
- Automatic Tracking
- Smart Detection
- Active Defense
- Two-Way Audio
- IP66

- Smart VideoCoding

Clarity and Colors, All in One

Experience clear, vibrant 24-hour monitoring, even in total darkness, with the VIGI Full-Color camera. Its 4MP resolution, large-aperture

lens, high-sensitivity sensor, and supplemental lights deliver comprehensive, colorful surveillance.

Network Anywhere You Need It

No need to connect network cables. Just insert a Nano-SIM card, then your camera is ready to connect to a 4G LTE network. Enjoy hassle-free installation and simple monitoring in places where the internet is not available, such as farms, forests, and construction sites.

Powerful Pan Tilt

Cover every corner flexibly with VIGI's Pan Tilt camera. Customized patrol routes provide more intelligent and quick options to monitor key areas (up to 8 points for each route), reducing manual costs for adjusting pan & tilt angles repeatedly.

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.

Automatic Tracking

Automatically tracks persons or vehicles of interest and provides seamless and longer video. This way, you will better understand what's happening and take action without wasting time on irrelevant footage.

Smart Detection for Efficient Monitoring

By setting the detection rules in advance, VIGI AI-powered cameras can accurately capture various abnormal events. This will greatly reduce false alarms and cover your specified monitoring needs in different scenarios.

- Intrusion Detection
- Line-Crossing Detection
- Region Entering Detection
- Region Exiting Detection
- Abandoned Object Detection
- Object Removal Detection

Smart Video Coding by 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.

- IP66 WeatherproofReliable IP66 enables stable outdoor performance.
- Flexible StorageLocal storage is available for each method, and an SD card slot* (up to 512 GB) offers onboard storage.

Remote Management

Take full control over your security anytime and anywhere on the VIGI app or client.

Four-Way Management

Easily control your cameras via the web UI, NVR UI, VIGI app, and VIGI Security Manager. The VIGI app and VIGI Security Manager also allow for remote management.

Run your business with peace of mind.

The VIGI professional surveillance system by TP-Link is dedicated to protecting the business you've worked hard to build - whenever, wherever. Our outstanding functions, reliable quality guarantees, and simplified installation work together to ensure your business stays safe and sound.

Specifications:

© 2024 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications	
Product Code	CAM-C540-4G-4MM
CAMERA	
Image Sensor	1/3.06" Progressive Scan CMOS
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	4 mm
Aperture	F1.6
FOV	Horizontal FOV: 80 degrees, Vertical FOV: 43 degrees, Diagonal FOV: 94 degrees
Lens Mount	M12*0.5
DORI Distance	Detect: 80 m (262 ft)
	Observe: 33 m (109 ft)
	Recognize: 16 m (52 ft)
	Identify: 8 m (26 ft)
PTZ	
Pan/tilt Range	Pan: 0 degrees to 348 degrees, Tilt: 0 degrees to 120 degrees
Pan/tilt Speed	Pan Speed:
	Configurable from 8 degrees to 44 degrees/s , Preset Speed: 44 degrees/s
	Tilt Speed:
	Configurable from 8 degrees to 44 degrees/s, Preset Speed 44 degrees/s
Manual Control Speed	Configurable from 8 degrees to 35 degrees/s
Presets	300
Patrol Scan	8 patrols, up to 8 presets for each patrol
Power-off Memory	Yes
	Auto restore to previous PT and lens status after power failure
Park Action	Yes
	Preset , Patrol Scan
3D Positioning	Yes
Angle Adjustment (Manual)	

Range	Pan: 0 degrees to 348 degrees
	Tilt: 0 degrees to 120 degrees
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
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
H.265+	Main Stream Supported
Video Bit Rate	Main Stream: 256 Kbps to 3 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 (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	
Protocol	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS
ONVIF	Yes
API	ONVIF
Simultaneous Live View	2 Main Streams & 2 Sub-Streams
Client	VIGI App, VIGI Security Manager, Web UI
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

4G	
Standard	LTE-TDD/LTE-FDD/WCDMA
SIM Type	Nano SIM
Category	4
Frequency	LTE-FDD: B 1/3/5/7/8/20/28
	LTE-TDD: B 38/40/41
	WCDMA: B 1/5/8
ALARM AND EVENT MANAGEMENT	
Smart Event	Human & Vehicle Classification
	Intrusion Detection
	Line-Crossing Detection
	Region Entering Detection
	Region Exiting Detection
	Object Abandoned Detection
	Object Removal Detection
	People Detection
	Vehicle 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
INTERFACES	
Network Interface	1 RJ45 10/100M Self-Adaptive Ethernet Port
Alarm	N/A
Reset Button	Yes
Power	DC Power Port
On-board Storage	Built-In Memory Card Slot, Support MicroSD Card, Up to 512 GB
Built-in Nano-SIM Card Slot	Yes
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
	Power Adapter
Material	Plastic
Net Weight	0.69 Kg
Gross Weight	1.16 Kg
Power Supply	12V DC/1A, 5.5mm Coaxial Power Plug
Antenna	Quantity: 2
	Type:
	690~960&1710~2690MHz Dipole Omni-Directional Antenna
	Gain:
	Ant1 : 0.84dBi@690~960MHz, 2.85dBi@1710~2690MHz
	Ant2 : 0.74dBi@690~960MHz, 3.06dBi@1710~2690MHz
Protection	IP66
Product Dimensions (L x W x H)	120 x 182 x 201 mm (excluding antennas)
Certifications	CE, RCM, BSMI, RoHS, NCC

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/CAM-C540-4G-4MM-TP-Link-Vigi-C540-4G-4MP-Outdoor-full-Colour-4G-Pan-Tilt-Network-p-305677.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-14 14:01:30.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.