Outdoor Full-Color

Dual-Lens Varifocal Pan Tilt Network Camera

MODEL: VIGI C540V (3× Zoom)

4MP|H.265+

VIGI C540V | 3× Zoom

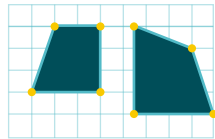| Instant Zoom | Human & Vehicle Classification | Smart Detection | Powerful Pan Tilt | IP66* | Onboard Storage** |

// Human & Vehicle Classification

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

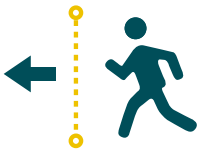# // Smart Detection

Motion Detection

Region Intrusion

Object Removal Detection

Region Exiting Detection

Line-Crossing

Camera Tampering

Object Abandoned Detection

Region Entering Detection

// Zoom
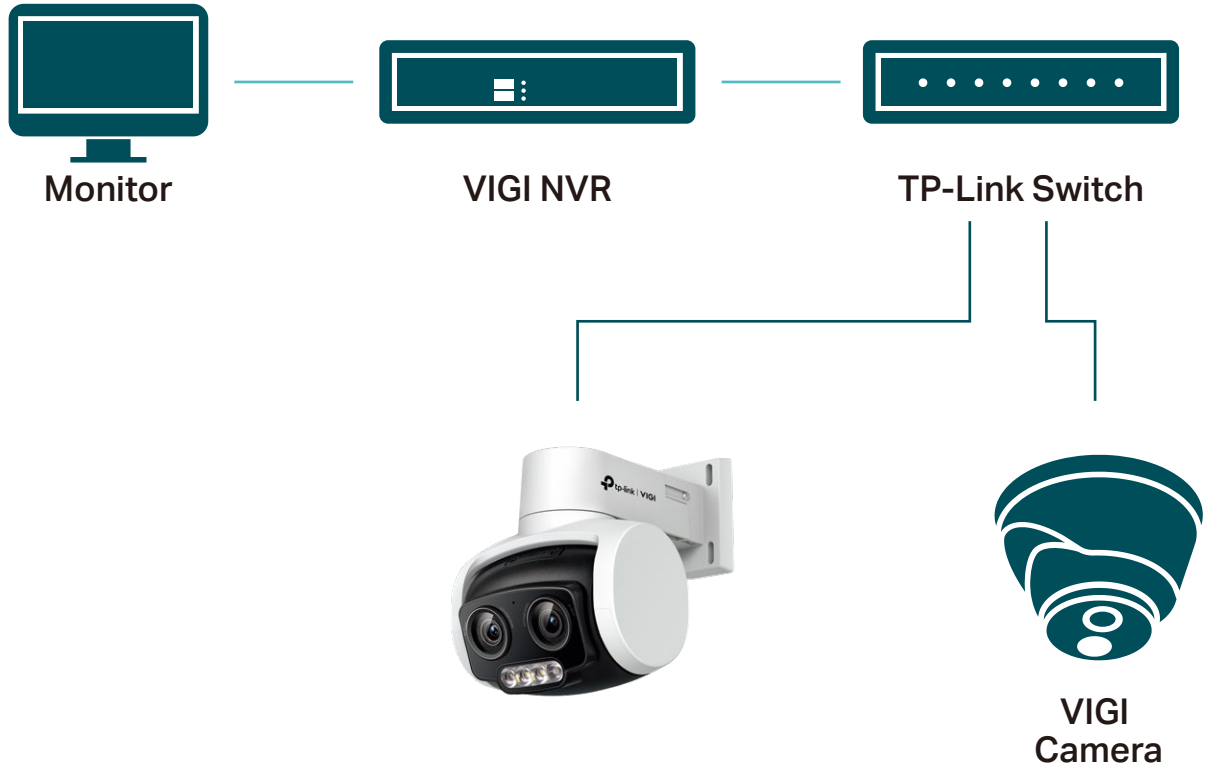
- Instant Zoom
- Sharp & Stable Image Definition

// Flexible Pan Tilt

- Customized Patrol
- Power-Off Memory Function
- Auto Tracking
- Remote Monitoring & Configuration
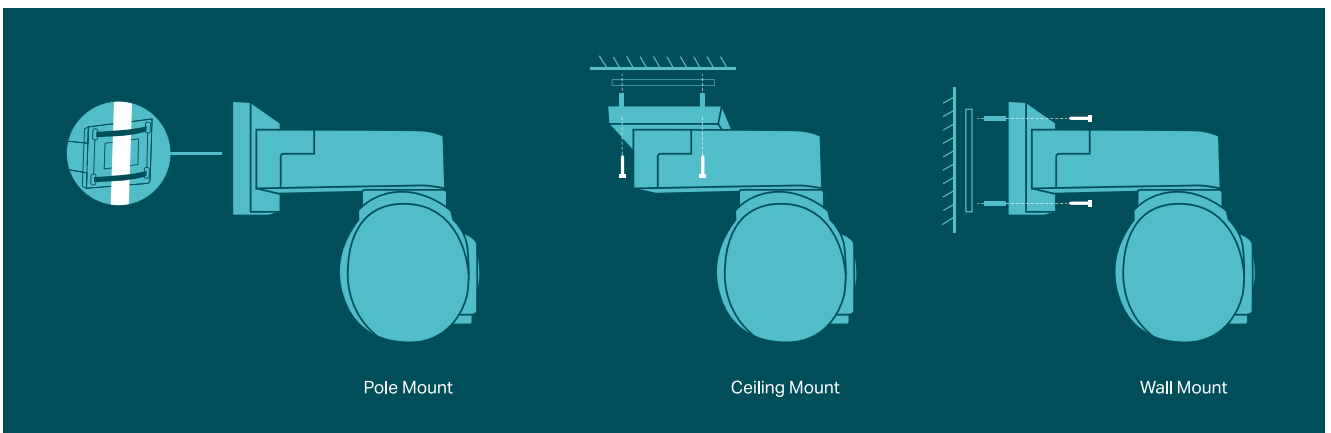
VIGI Surveillance Solution

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.

Monitor · VIGI NVR · TP-Link Switch · VIGI Camera

Flexible Installation

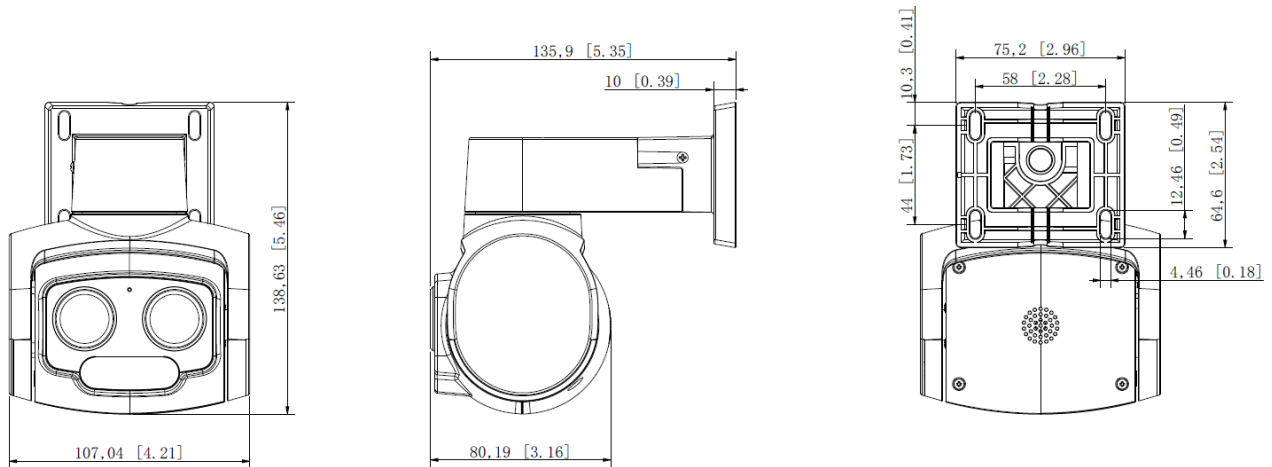Find the perfect vantage point by simply securing your camera to the ceiling, wall, or pole**.

Pole Mount · Ceiling Mount · Wall Mount

Specifications

Camera	
Product Model	VIGI C540V
Image Sensor	1/3″ Progressive Scan CMOS
Shutter Speed	1/3 to 1/10000 s
Slow Shutter	Yes
Min. Illumination	0.005 Lux; 0 Lux with IR/white light
Day & Night	IR Cut Filter
Day/Night Switch	Day/Night/Auto/Schedule-Switch
Zoom	3x Mixed Zoom

Lens	
Focal Length	4-12 mm (Mixed Zoom)
Aperture	F1.6
FOV	Diagonal FOV: 100°, Horizontal FOV: 84°, Vertical FOV: 46°
Lens Mount	M12*P 0.5

Angle Adjustment (Manual)	
Range	Pan: 0° to 332°, Tilt: 0° to 120°

PTZ	
Pan/tilt Range	Pan: 0° to 332°, Tilt: 0° to 120°
Pan/tilt Speed	Pan Speed: Configurable from 1° to 55°/s; Preset Speed: 55°/s Tilt Speed: Configurable from 1° to 40°/s, Preset Speed 40°/s
Presets	300
Patrol Scan	8 patrols, up to 8 presets for each patrol
Power-off Memory	Yes; Auto restore to previous PTZ and lens status after power failure
Park Action	Yes; Preset; Patrol Scan
3D Positioning	Yes

Illuminator	
IR LED	Quantity: 1 Range: 30m Wavelength: 850nm
White LED	Quantity: 3 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° 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: 640x480, 352x288, 320x240 Note: If the image rotation is set to 90° or 270°, 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

Image

Image Settings	Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance, Prevent Overexposure to Infrared Light, HLC Adjustable by Client Software, Rotation(90°/270°)
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	Yes
Audio Input	Yes
Audio Output	N/A
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
Network Storage	NAS (NFS, SMB/ CIFS)
API	Open Network Video Interface (Profile S)
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, VIGI Security Manager, VIGI NVR, Web
Cloud	Yes
ONVIF	Yes

Interface

Network Interface	1 RJ45 10/100M Self-Adaptive Ethernet Port, PoE
On-board Storage	Built-In Memory Card Slot, Support MicroSD Card, Up to 256 GB
Built-in Speaker	Yes
Built-in Microphone	Yes; Records Anything Going on within a 15-ft Radius of the Camera
Audio	N/A
Alarm	N/A
Reset Button	Yes
Power	DC Power Port

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,, White Light Flashing
Linkage Method	N/A
Output Notification	Message Push

General

Operating Temperature	-30–60 °C
Storage Temperature	-40–60 °C
Operating Humidity	95% or Less (Non-Condensing)
Storage Humidity	95% or Less (Non-Condensing)

Power Supply	12V DC ± 5%, 5.5mm Coaxial Power Plug PoE (802.3af/at, class 0)	
Power Consumption	Maximum	14 W
	Typical (Day Mode)	2.9 W
	Typical (Night Mode with IR LED)	5.7 W
	Typical (Night Mode with White LED)	6.1 W
Material	Plastic	
Protection	IP66	
Product Dimensions (L x W x H)	107*136*139 mm	
Package Contents	VIGI Network Camera Quick Start Guide Waterproof Cable Attachments Mounting Accessories	
Net Weight	0.43 Kg	
Gross Weight	0.66 Kg	
Certifications	CE, NTRA, VCCI, KC, BSMI, FCC, IC	

Dimensions