

# Outdoor Full-Color

Wi-Fi Pan Tilt Network Camera

MODEL: VIGI C540-W(4mm)



**4MP|H.265+**

VIGI C540-W(4mm)



Human & Vehicle  
Classification



Smart Detection



Powerful Pan Tilt



IP66



Onboard Storage\*



Wired or Wireless  
Networking

## // Human & Vehicle Classification

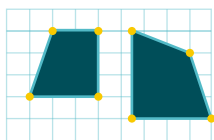
Intelligently distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.



## // Smart Detection



**Motion Detection**



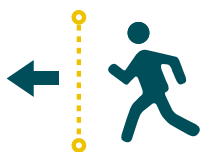
**Region Intrusion**



**Object Removal Detection**



**Region Exiting Detection**



**Line-Crossing**



**Camera Tampering**



**Object Abandoned Detection**



**Region Entering Detection**

## // SmartVid



### **Smart IR**

Keeps objects from being under-rendered when far away or overexposed when close to camera at night.



### **Wide Dynamic Range**

Adjusts for lighting contrast to minimize shadowing effects and renders images true to life.



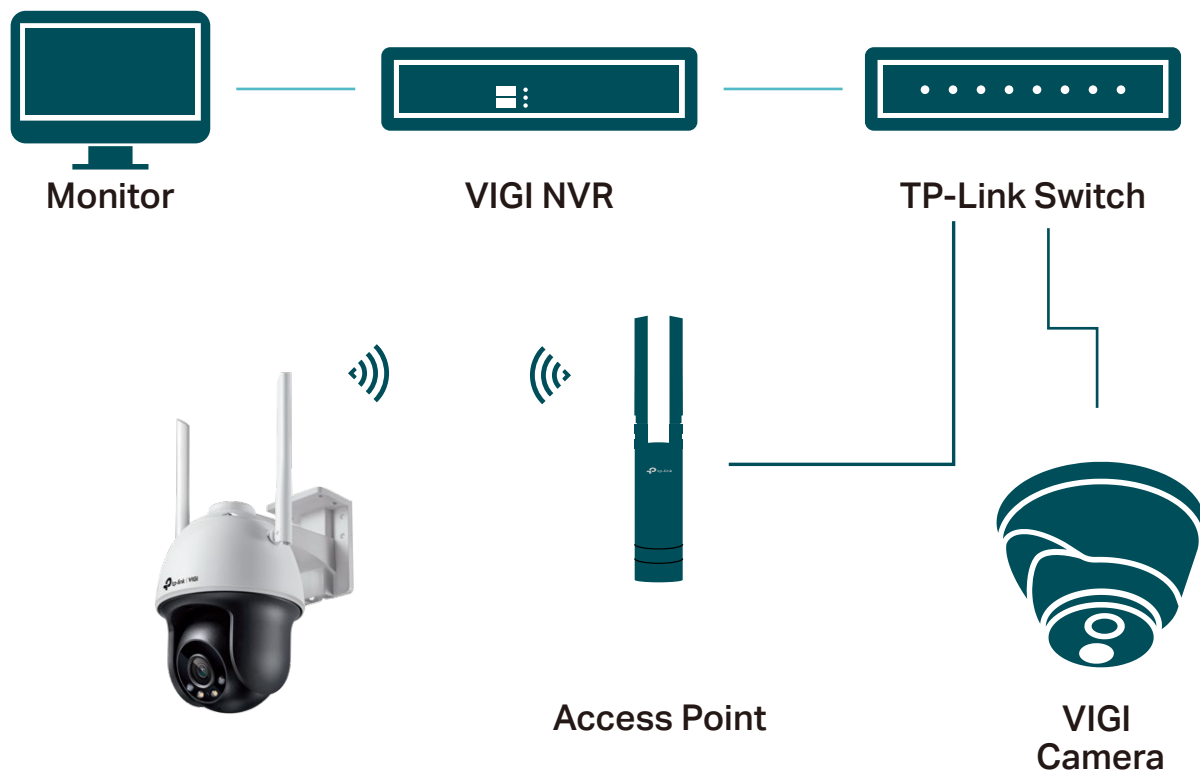
### **3D DNR**

Removes abnormal pixelation to provide clearer video and eliminate distortion.

## // VIGI Surveillance Solution

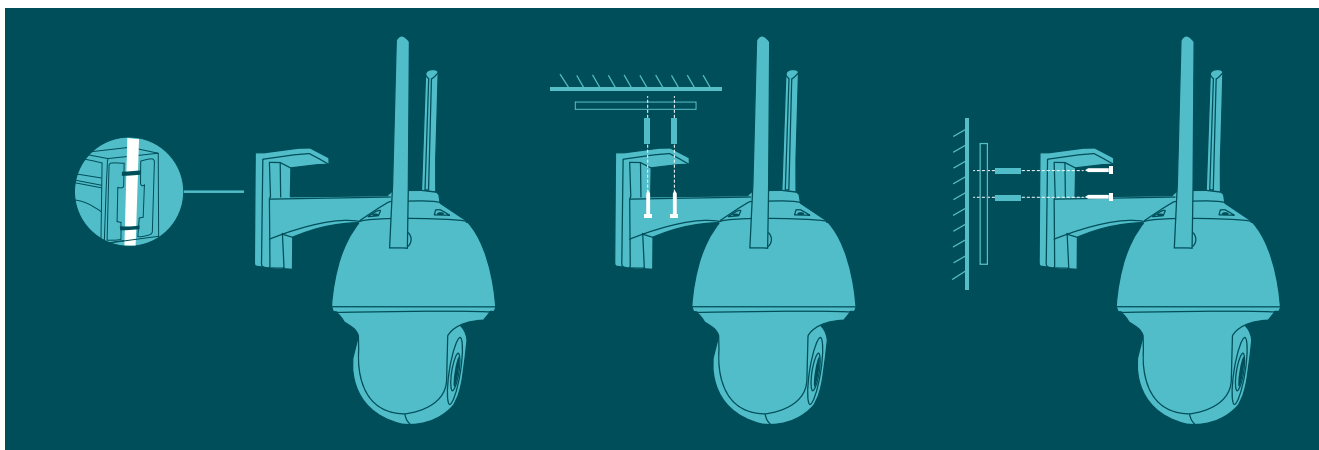
The VIGI professional surveillance system by TP-Link is dedicated to protecting the business that you've worked hard to build—whenever, wherever.

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.



## Specifications

Camera	
Product Model	VIGI C540-W
ROM	128 MB
RAM	1G
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.005 Lux, 0 Lux with IR/white light
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	DWDR
Lens	
Focal Length	4 mm
Aperture	F1.6
FOV	Horizontal FOV: 80°, Vertical FOV: 43.2°, Diagonal FOV: 94.2°
Lens Mount	M12
PTZ	
Pan/tilt Range	Pan: 0° to 350°, Tilt: 0° to 120°
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
Power-off Memory	Yes
Park Action	Yes
3D Positioning	Preset, Patrol Scan

Illuminator	
IR LED	Quantity: 2 Range: 30m Wavelength: 850nm
White LED	Quantity:2 Range: 30m
Compression Standard	
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	
Max. Resolution	2560 X 1440
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
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
Day/Night Switch	Day/Night/Auto/Schedule-Switch
Privacy Mask	Up to 4 Masks

Network		
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS., DHCP, DNS, RTSP, NTP, UPnP, SSL/TLS, FTP, SFTP, RTP, IPv4, IPv6, ARP	
Cyber Security	Video encryption, configuration encryption, Digest Authentication, HTTPS, IP Address Filter, trusted upgrade	
Network Storage	NAS (NFS, SMB/ CIFS)	
SDK and API	Beta	
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	Up to 6 Channels	
Client	VIGI App, VIGI Security Manager, VIGI NVR, Web	
Cloud	Yes	
ONVIF	Yes (Profile S)	
Wireless		
Frequency	2.4 GHz	
Wireless Channel	1-13	
Auto Wireless Channel	N/A	
Wireless Statistics	N/A	
Throughput Monitor	N/A	
Radio Bandwidth	Auto	N/A
	20M	Yes
	40M	Yes

Transmit Power	High
Wireless Rate	11Mbps(802.11b) 54Mbps(802.11g) 150/300Mbps(802.11n)
Wireless Security	PWPA/WPA2-PSK
Wireless Mode	AP, AP Client
Interface	
Network Interface	1 RJ45 10/100M Self-Adaptive Ethernet Port, PoE
Storage	FTP, SFTP, Built-In Memory Card Slot, Support MicroSD Card up to 256 GB
Built-in Speaker	Yes
Built-in Microphone	Yes
Audio Output	N/A
Alarm	N/A
Reset Button	Yes
Alarm and Event Management	
Smart Event	Intrusion Detection, Line-Crossing Detection, Region Entering Detection, Region Exiting Detection, Object Abandoned Detection, Object Removal Detection, Loitering Detection, Smart Frame, People Detection, Vehicle Detection, Motion Detection, Video Tampering Detection, Exception (Illegal Login), Scene Change 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	
Antenna	Quantity: 2
	Type: 2.4GHz Welded Dipole Omni-Directional Antenna
	Gain: 2.0dBi
Operating Temperature	-30–60 °C
Power Supply	12V DC; 1A
Power Consumption	Max 15.3W
Audio Communication	Two-Way Audio
Material	Plastic
Protection	IP66
Product Dimensions (L x W x H)	198*172*120 mm
Certifications	CE, RCM, BSMI, VCCI, RoHS, NCC, JRF, KC

Specifications are subject to change without notice and can be found at [www.tp-link.com](http://www.tp-link.com).

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