

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

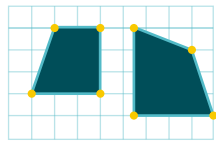
Intelligently distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.



// Smart Detection



**Motion
Detection**



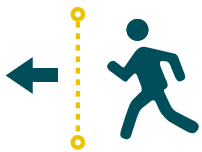
**Region
Intrusion**



**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.



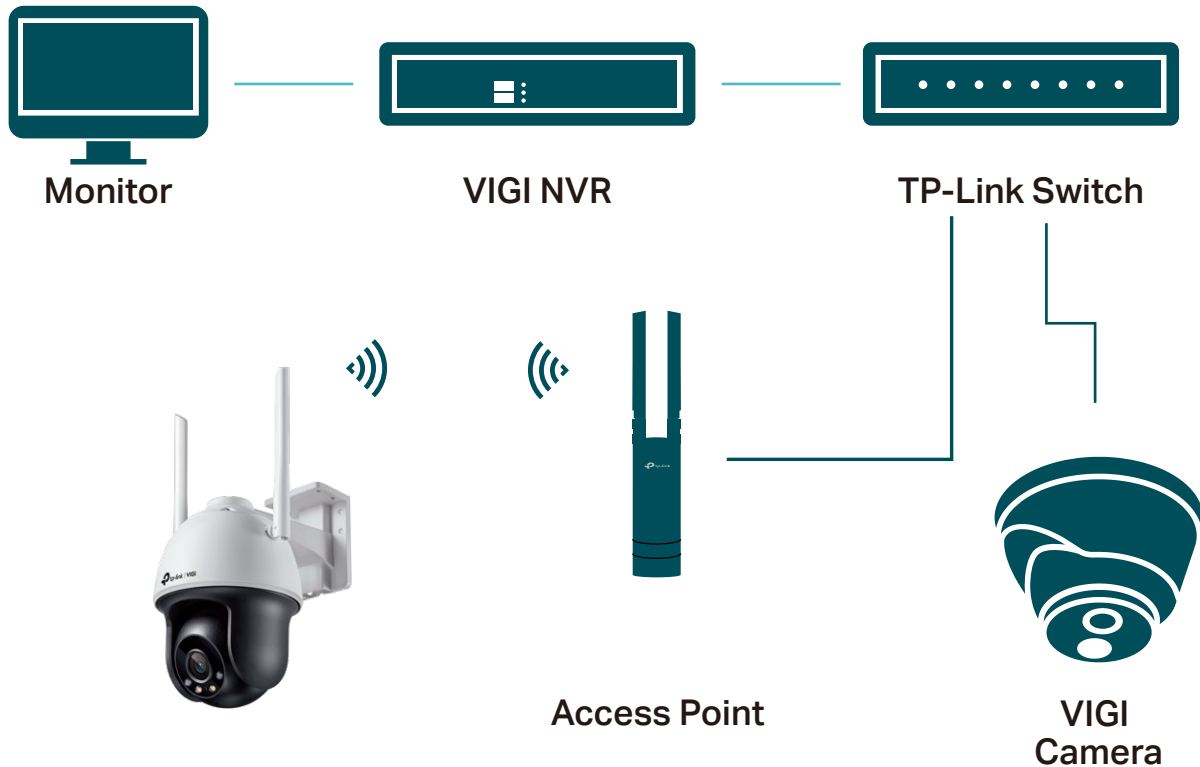
3D DNR

Removes abnormal pixelation to provide clearer video and eliminate distortion.

// VIGI Surveillance Solution

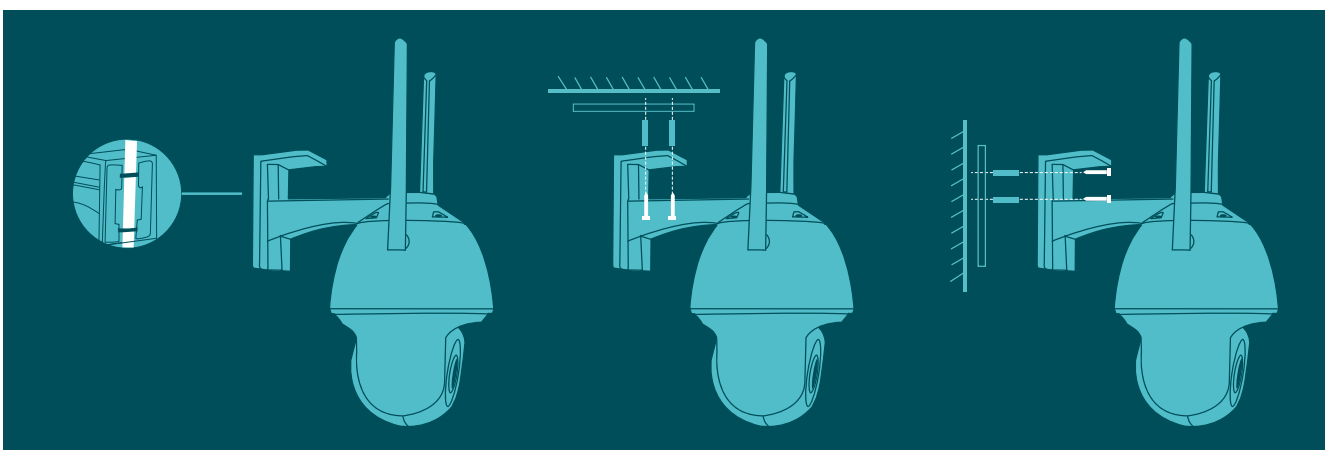
The VIGI professional surveillance system by TP-Link is dedicated to protecting the business that you've worked hard to build—whenever, wherever.

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 |
| Image Sensor | 1/3" Progressive Scan CMOS |
| Min. Illumination | Color: 0.005 Lux; 0 Lux with IR/white light |
| Day & Night | IR Cut Filter |
| Digital Noise Reduction | 3D DNR |
| WDR | DWDR |
| 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 |
| Lens | |
| Focal Length | 4 mm |
| Aperture | F1.6 |
| Focus | Fixed |
| FOV | Horizontal FOV: 80°, Vertical FOV: 43.2°, Diagonal FOV: 94.2° |
| Lens Mount | M12 |
| 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 |
| Alarm and Event Management | |
| Smart Event | Human & Vehicle Classification, Area Intrusion Detection, Line-Crossing Detection, People Detection, Area Entrance Detection, Area Exiting Detection, Abandoned Object Detection, Object Removal 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 |
| 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 Enhancement | BLC/3D DNR/HLC/SmartIR |
| Image Settings | Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance, Prevent Overexposure to Infrared Light, HLC Adjustable by Client Software, Rotation(90°/270°) |
| 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 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 | Up to 6 Channels | |
| Client | VIGI App, VIGI Security Manager, VIGI NVR, Web | |
| Cloud | Yes | |
| ONVIF | Yes | |
| Wireless | | |
| Frequency | 2.4 GHz | |
| Wireless Channel | 1-13 | |
| Auto Wireless Channel | N/A | |
| Wireless Statistics | N/A | |
| Throughput Mornitor | 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 | |

| | |
|---|---|
| On-board Storage | 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 |
| General | |
| Antenna | Quantity: 2 |
| | Type: 2.4GHz Welded Dipole Omni-Directional Antenna |
| | Gain: 2.0dBi |
| Operating Temperature | -30–60 °C |
| Power Supply | 12V DC; 1.5A |
| Power Consumption | Max 15.3W |
| Audio Communication | Two-Way Audio |
| Ingression Protection | IP66 |
| Material | Plastic |
| Product Dimensions (Excluding Antennas) | 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.

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