tp-link | VIGI

**Datasheet**
Security Never Shuts Down

# Outdoor Full-Color

## Wi-Fi Bullet Network Camera

MODEL: VIGI C340-W(4mm)

**4MP | H.265+**

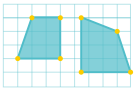
**VIGI C340-W(4mm)**

- Human & Vehicle Classification
- Smart Detection
- IP66
- Two-Way Audio
- 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



Intrusion Detection

Line-Crossing Detection

Object Removal Detection

Object Abandoned Detection

Region Entering Detection

Region Exiting Detection

Motion Detection

Camera Tampering

## 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.

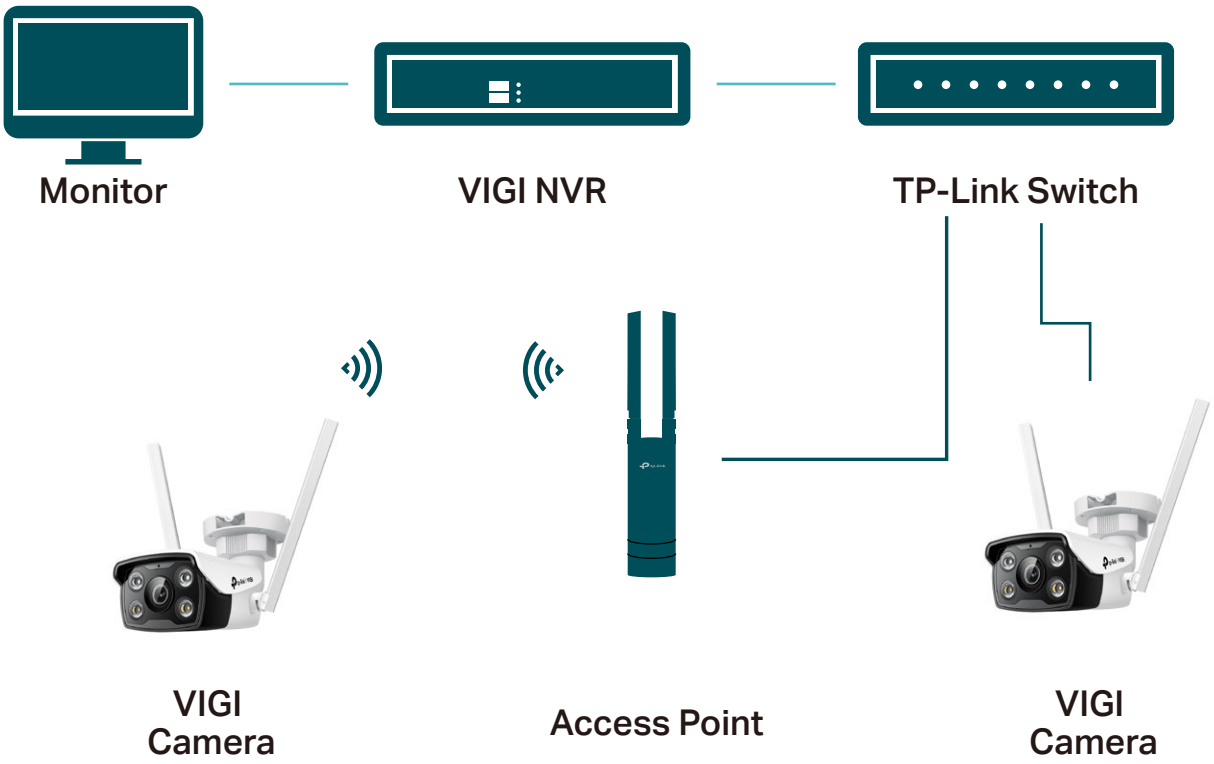
### 3D DNR

Removes abnormal pixelation to provide clearer video and eliminate distortion.

## VIGI Surveillance Solution

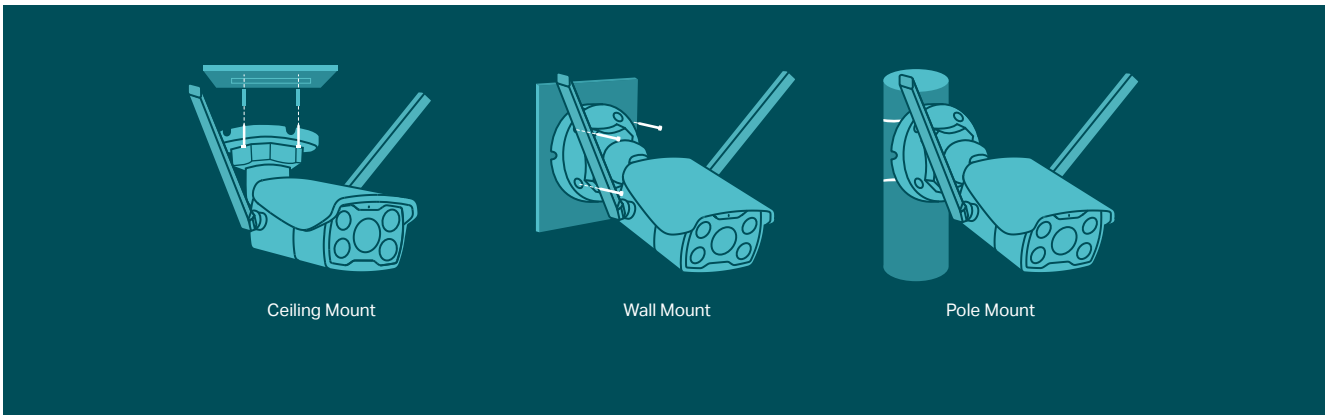
The VIGI professional surveillance system by TP-Link is dedicated to protecting the business that you've worked hard to build—whenever, wherever.

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 C340-W |
| 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 Mechanism | IR Cut Filter |
| Day/Night Switch | Unified/ Scheduled/ Auto |
| **Lens** | |
| Focal Length | Fixed Focal Lens |
| Focal Length | 4 mm |
| Aperture | F1.6 |
| FOV | Horizontal FOV: 76.3°, Vertical FOV: 40.6°, Diagonal FOV: 90.2° |
| Lens Mount | M12 |
| DORI Distance | • Detect: 80 m (262 ft)<br>• Observe: 33 m (109 ft)<br>• Recognize: 16 m (52 ft)<br>• Identify: 8 m (26 ft) |
| **Angle Adjustment (Manual)** | |
| Range | • Pan: 0° to 360°<br>• Tilt: 0° to 90°<br>• Rotation: 0° to 360° |
| **Illuminator** | |
| IR LED | Quantity: 2<br>Range: 30m<br>Wavelength: 850nm |
| White LED | Quantity: 2<br>Range: 30m |
| Illuminator On/Off Control | Auto/Scheduled/Always on/Always off |

| Video | |
|---|---|
| Max. Resolution | 2560 X 1440 |
| Main Stream | • Frame Rate<br>50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps<br>60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps<br>• Resolution:<br>2560x1440, 2304x1296, 2048x1280, 1920x1080, 1280x720<br>Note: If the image rotation is set to 90° or 270°, the frame rate only supports up to 20fps. |
| Sub-Stream | • Frame Rate<br>50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps<br>60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps<br>• Resolution:<br>704x576, 640x480, 352x288, 320x240<br>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<br>• Sub-Stream: H.265/H.264 |
| H.264 Type | 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<br>• Sub-Stream: 64 Kbps to 512 Kbps |

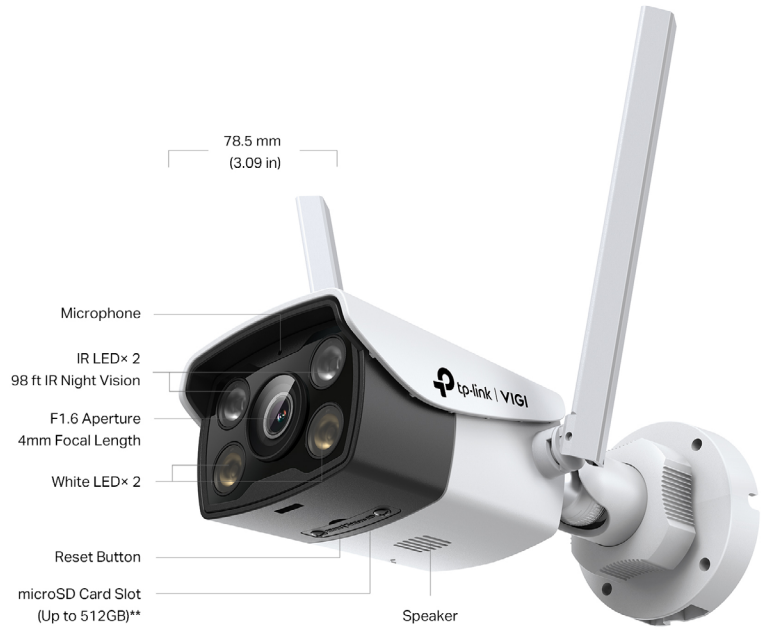
| Image | |
|---|---|
| Image Settings | • Mirror<br>• Brightness<br>• Contrast<br>• Saturation<br>• Sharpness, Exposure, WDR,<br>• White Balance<br>• Prevent Overexposure to Infrared Light<br>• HLC Adjustable by Client Software<br>• Rotation (90°/270°) |
| Image Enhancement | BLC/3D DNR/HLC/SmartIR |
| 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 | 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** | |
| Protocols | TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS, FTP/SFTP, RTP, IPv4, IPv6, ARP |
| ONVIF | Yes |
| API | Open Network Video Interface (Profile S) |
| Simultaneous Live View | 3 Main Streams & 3 Sub-Streams |

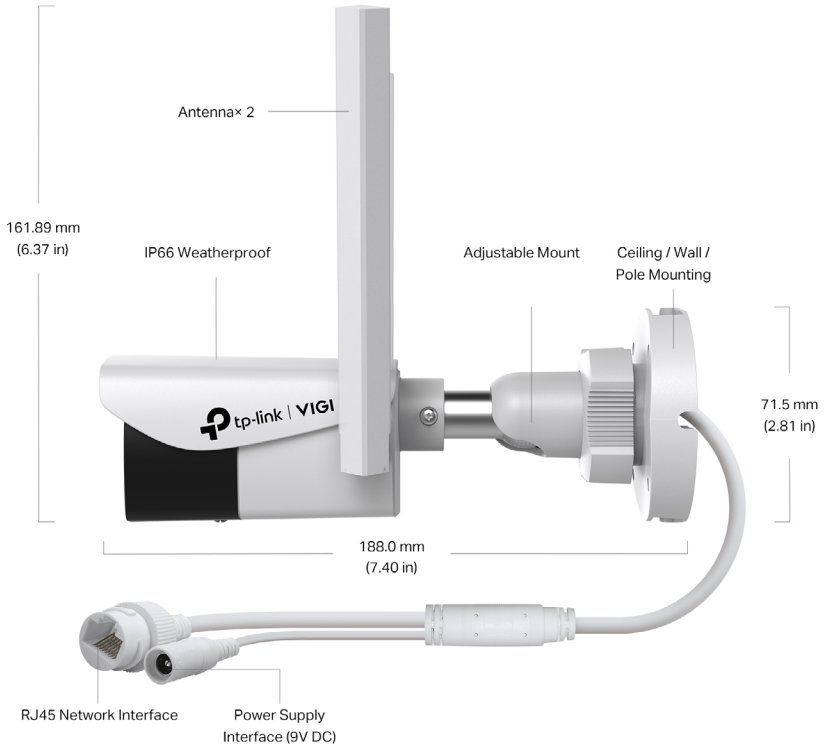
| | | |
|---|---|---|
| Client | VIGI App, VIGI Security Manager, Web UI | |
| Web Browser | • Google Chrome® 57 and above<br>• Firefox® 52 and above<br>• Safari® 11 and above<br>• Microsoft® Edge 91 and above | |
| Cloud | Yes | |
| Security | Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication | |
| **Wireless** | | |
| Standards | IEEE 802.11b/g/n | |
| WiFi Channels | • UN: 1-13 | |
| Frequency | 2.4 GHz | |
| Wireless Transmit Power | High | |
| Auto Wireless Channel | N/A | |
| Wireless Statistics | N/A | |
| Throughput Monitor | N/A | |
| Radio Bandwidth | Auto | N/A |
| | 20M | Yes |
| | 40M | Yes |
| Wireless Rate | 11Mbps(802.11b)<br>54Mbps(802.11g)<br>150/300Mbps(802.11n) | |
| Wireless Security | WPA-PSK/WPA2-PSK | |
| Wireless Mode | AP, AP Client | |

| Alarm and Event Management | |
|---|---|
| Smart Event | • Human & Vehicle Classification<br>• Intrusion Detection<br>• Line-Crossing Detection<br>• Region Entering Detection<br>• Region Exiting Detection<br>• Object Abandoned/Removal Detection<br>• Scene Change Detection<br>• Abnormal Sound Detection<br>• People Detection<br>• Vehicle Detection<br>• Loitering Detection |
| Basic Event | • Motion Detection<br>• Video Tampering Detection<br>• Exception ( Illegal Login) |
| Alarm Linkage | • Memory Card Video Recording<br>• Message Push<br>• Audible Warning<br>• White Light Flashing<br>• Upload Capture to FTP |
| Linkage Method | N/A |
| Output Notification | Message Push |
| **Interface** | |
| Network Interface | 1 RJ45 10/100M Self-Adaptive Ethernet Port |
| On-board Storage | Built-In Memory Card Slot, Support MicroSD Card, Up to 512 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 |

| General | |
|---|---|
| Antenna | Quantity: 2 |
| | Type: 2.4GHz Welded Dipole Omni-Directional Antenna |
| | Gain: 2.0dBi |
| Operating Temperature | -30–60 °C |
| Power Supply | 9-12V DC/0.85-1.0A, 5.5mm Coaxial Power Plug |
| Protection | IP66 Waterproof |
| Material | Plastic |
| Net Weight | 0.38 Kg |
| Gross Weight | 0.66 Kg |
| Product Dimensions | 78.5 × 188.0 × 161.89 mm (3.09 × 7.40 × 3.67 in) |
| Certifications | CE NTRA JRF VCCI BSMI NCC |

## Build Features




**SD card is not included.

Security Standards Compliance

All VIGI products are fully compliant with the following security and safety standards:

EN 55032:2015 + A11:2020

EN 55035:2017 + A11:2020

EN IEC 61000-3-2:2019 + A1:2021

EN 61000-3-3:2013 + A2:2021

EN IEC 61000-6-3:2021 + AC:2022-01
EN IEC 61000-6-1:2019
EN 50130-4:2011 + A1:2014
EN 62368-1:2014 + A11:2017
EN IEC 63000:2018
(EU) 2023/826

*Micro SD card is not included in the package.
Specifications are subject to change without notice and can be found at www.tp-link.com.

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