

# Outdoor Full-Color

## Bullet Network Camera

MODEL: VIGI C350 (2.8mm/4mm/6mm)



**H.265+**

VIGI C350



People & Vehicle  
Analytics\*



Human & Vehicle  
Classification



Smart Detection



True WDR



Two-Way Audio

## // Human & Vehicle Classification

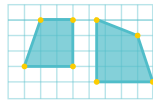
Intelligently distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.



## // Smart Detection



Motion Detection



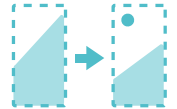
Intrusion Detection



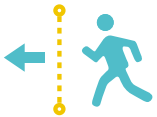
Object Removal  
Detection



Region Entering  
Detection



Scene Change  
Detection



Line-Crossing  
Detection



Camera Tampering



Object Aban-  
doned Detection



Region Exiting  
Detection

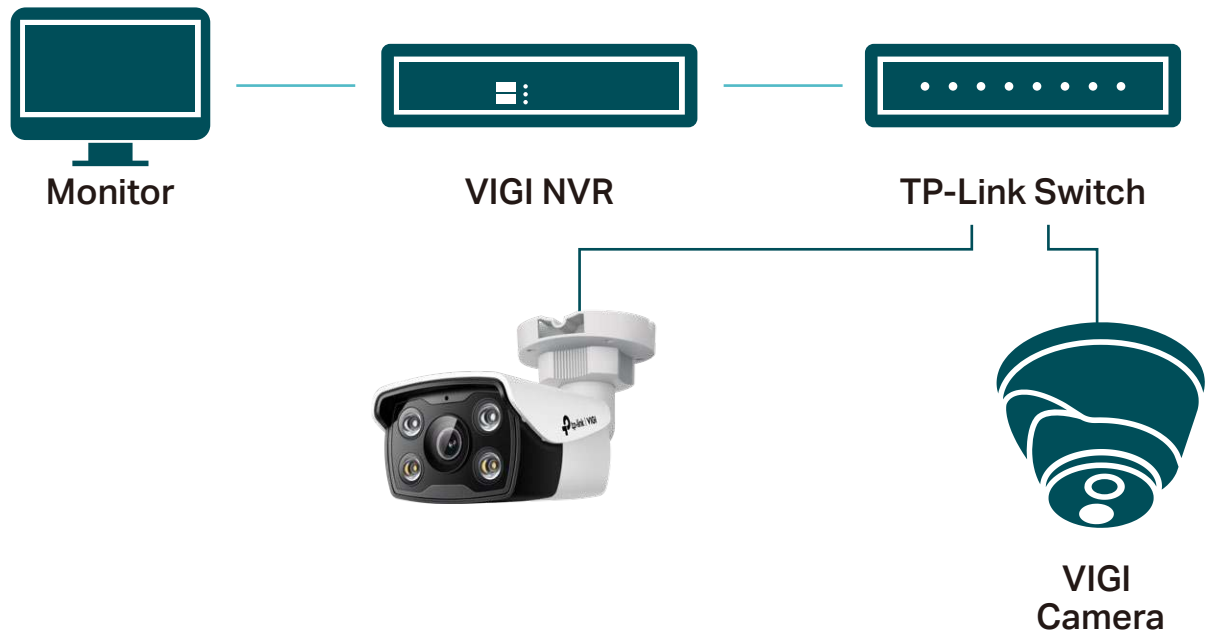


Loitering  
Detection

## // VIGI Surveillance Solution

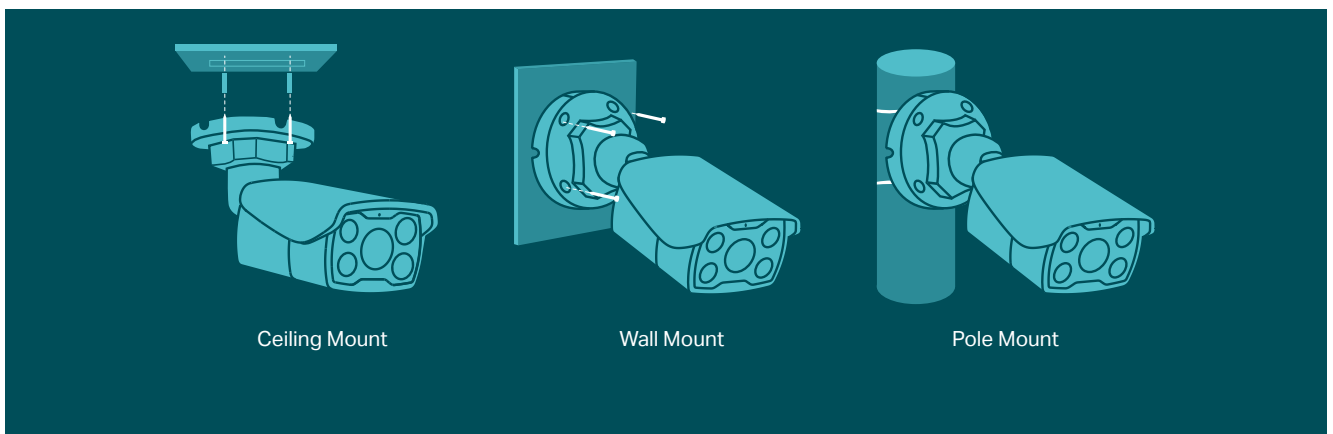
The VIGI professional surveillance system by TP-Link is dedicated to protecting the business that you've worked hard to build—whenever, wherever.

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\*.



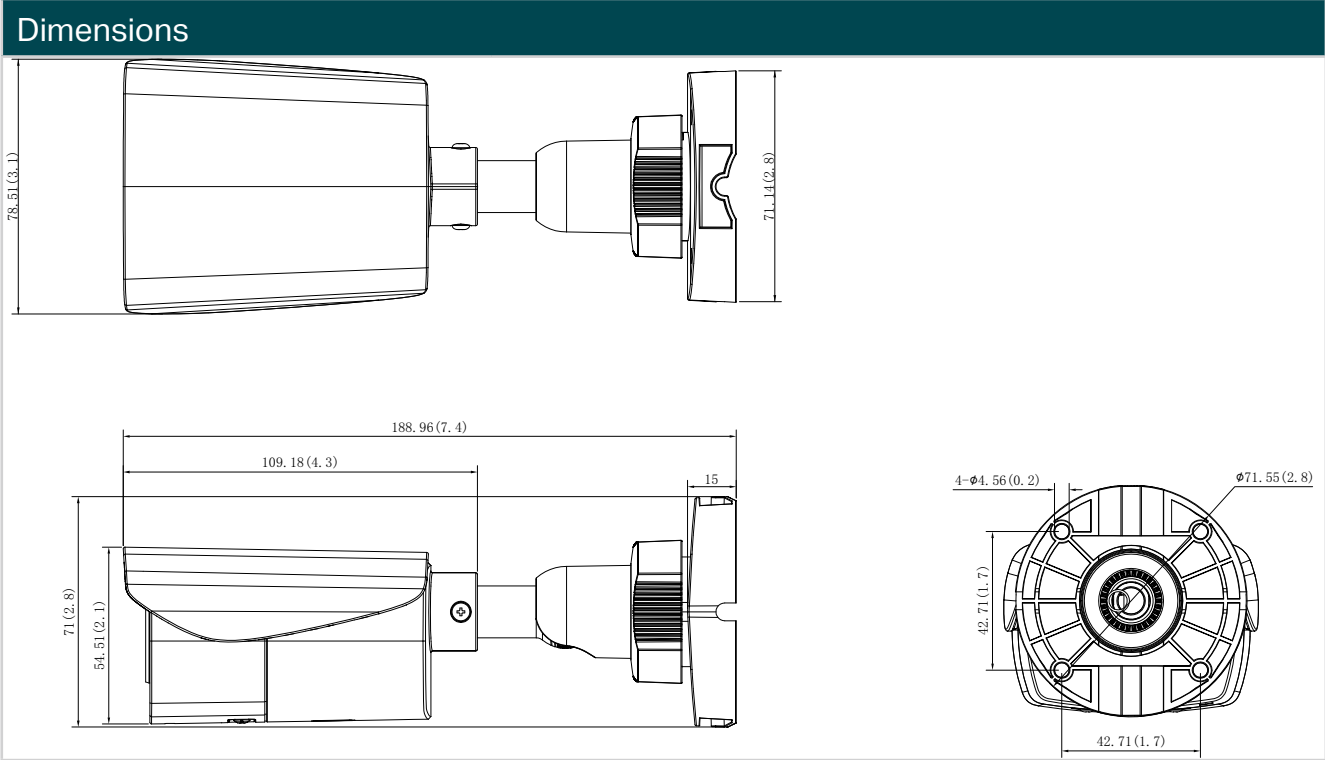
## // Specifications

| Camera                |                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Model         | VIGI C350(2.8mm/4mm/6mm)                                                                                                                                                                                                                                                                                                                              |
| Image Sensor          | 1/2.7" Progressive Scan CMOS                                                                                                                                                                                                                                                                                                                          |
| Min. Illumination     | 0.005 Lux; 0 Lux with IR/white light                                                                                                                                                                                                                                                                                                                  |
| Shutter Speed         | 1/3 to 1/10000 s                                                                                                                                                                                                                                                                                                                                      |
| Slow Shutter          | Yes                                                                                                                                                                                                                                                                                                                                                   |
| Day & Night Mechanism | IR Cut Filter                                                                                                                                                                                                                                                                                                                                         |
| Day/Night Switch      | Unified/Scheduled/Auto                                                                                                                                                                                                                                                                                                                                |
| Lens                  |                                                                                                                                                                                                                                                                                                                                                       |
| Focal Length          | 4 mm                                                                                                                                                                                                                                                                                                                                                  |
| Aperture              | F1.6                                                                                                                                                                                                                                                                                                                                                  |
| FOV                   | 2.8mm:<br>Horizontal FOV: 109°, Vertical FOV: 57°, Diagonal FOV: 128°<br><br>4mm:<br>Horizontal FOV: 90°, Vertical FOV: 48°, Diagonal FOV: 107°<br><br>6mm:<br>Horizontal FOV: 56°, Vertical FOV: 30.5°, Diagonal FOV: 66°                                                                                                                            |
| Lens Mount            | M12*P 0.5                                                                                                                                                                                                                                                                                                                                             |
| DORI Distance         | 2.8 mm<br>Detect: 63 m (206 ft)<br>Observe: 85 m (109 ft)<br>Recognize: 12 m (39 ft)<br>Identify: 6 m (19 ft)<br><br>4 mm<br>Detect: 80 m (262 ft)<br>Observe: 33 m (109 ft)<br>Recognize: 16 m (52 ft)<br>Identify: 8 m (26 ft)<br><br>6 mm<br>Detect: 120 m (393 ft)<br>Observe: 50 m (164 ft)<br>Recognize: 24 m (78 ft)<br>Identify: 12 m (39 ft) |
| 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                                                                                                                                                                                                                                                                                    |
| <b>Video</b>               |                                                                                                                                                                                                                                                                                                                        |
| Max. Resolution            | 2880 X 1620                                                                                                                                                                                                                                                                                                            |
| Main Stream                | <p>Frame Rate:<br/>50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps<br/>60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps</p> <p>Resolution:<br/>2880x1620, 2688x1520, 2304x1296, 2048x1280, 1920x1080, 1280x720</p> <p>Note: If the image rotation is set to 90° or 270°, the frame rate only supports up to 20fps.</p> |
| Sub-Stream                 | <p>Frame Rate:<br/>50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps<br/>60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps</p> <p>Resolution:<br/>704x576, 640x480, 352x288, 320x240</p> <p>Note: If the image rotation is set to 90° or 270°, the frame rate only supports up to 20fps.</p>                              |
| Bit Rate Control           | CBR, VBR                                                                                                                                                                                                                                                                                                               |
| Video Compression          | Main Stream: H.265+/H.265/H.264+/H.264<br>Sub-Stream: H.265/H.264                                                                                                                                                                                                                                                      |
| Video Bit Rate             | Main Stream: 256 Kbps to 6 Mbps<br>Sub-Stream: 64 Kbps to 512 Kbps                                                                                                                                                                                                                                                     |
| <b>Image</b>               |                                                                                                                                                                                                                                                                                                                        |
| Image Settings             | Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance, Prevent Overexposure to Infrared Light, HLC Adjustable by Client Software                                                                                                                                                           |
| Day/Night Switch           | Unified, Scheduled, Auto                                                                                                                                                                                                                                                                                               |
| Image Enhancement          | BLC/3D DNR/HLC/SmartIR                                                                                                                                                                                                                                                                                                 |
| Wide Dynamic Range (WDR)   | 120 dB<br>Note: When People & Vehicle Analytics is enabled, only DWDR is supported.                                                                                                                                                                                                                                    |
| SNR                        | ≥ 52 dB                                                                                                                                                                                                                                                                                                                |
| Image Parameters Switch    | Yes                                                                                                                                                                                                                                                                                                                    |
| Privacy Mask               | Up to 4 Masks                                                                                                                                                                                                                                                                                                          |
| ROI                        | 1 Region                                                                                                                                                                                                                                                                                                               |
| OSD Setting                | Yes                                                                                                                                                                                                                                                                                                                    |
| <b>Audio</b>               |                                                                                                                                                                                                                                                                                                                        |
| 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)                                                                                                                                                                                                                                                            |
| <b>Network</b>                    |                                                                                                                                                                                                                                                                                |
| Protocols                         | TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP, UDP, SSL/TLS                                                                                                                                                                                                       |
| API                               | Open Network Video Interface (Profile S)                                                                                                                                                                                                                                       |
| Web Browser                       | Google Chrome® 57 and above<br>Firefox® 52 and above<br>Safari® 11 and above<br>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                                                                                                                                                                                                                                                                            |
| <b>Interface</b>                  |                                                                                                                                                                                                                                                                                |
| 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                                                                                                                                                                                                                                                                  |
| <b>Alarm and Event Management</b> |                                                                                                                                                                                                                                                                                |
| 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, Loitering Detection, Scene Change Detection |
| Basic Event                       | Motion Detection, Video Tampering Detection, Exception ( Illegal Login), Scene Change Detection                                                                                                                                                                                |
| Alarm Linkage                     | Memory Card Video Recording, Message Push, White Light Flashing, Sound Alarm                                                                                                                                                                                                   |
| Linkage Method                    | N/A                                                                                                                                                                                                                                                                            |
| Output Notification               | Message Push                                                                                                                                                                                                                                                                   |
| <b>Deep Learning Function</b>     |                                                                                                                                                                                                                                                                                |
| Multi-Target-Type Detection       | Supports Simultaneous Detection and Capture of Human Body and Vehicle                                                                                                                                                                                                          |

|                                |                                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------|
| Face Capture                   | N/A                                                                                              |
| Face Comparison                | N/A                                                                                              |
| <b>General</b>                 |                                                                                                  |
| 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 $\pm$ 5%, Max. 9 W, 5.5 mm Coaxial Power Plug<br>PoE: 802.3af/at, class 0, Max. 10.5 W    |
| Material                       | Plastic                                                                                          |
| Protection                     | IP67                                                                                             |
| Product Dimensions (L x W x H) | 78.42× 186.88× 71.55 mm                                                                          |
| Package Contents               | VIGI Network Camera<br>Quick Start Guide<br>Waterproof Cable Attachments<br>Mounting Accessories |
| Net Weight                     | 0.336 Kg                                                                                         |
| Certifications                 | CE, NTRA, VCCI, KC, BSMI, FCC, IC                                                                |



\*Some features are in development and will update with future software iterations.

\*Pole mounting kits and SD card are not included in the package.

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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