

## Outdoor IR Bullet Network Camera

MODEL: VIGI C320I (2.8/4/6mm), VIGI C330I (2.8/4/6mm),  
VIGI C340I (2.8/4/6mm)



**H.265+**

2/3/4MP



Human & Vehicle  
Classification



Smart Detection



IP67



SmartVid



Remote Monitoring

## // Human & Vehicle Classification

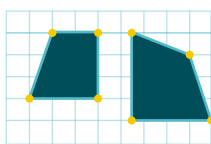
Intelligently distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.



## // Smart Detection



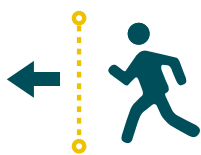
Motion Detection



Area Intrusion



Object Removal



Line-Crossing



Camera Tampering



Abandoned Object

## // 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.



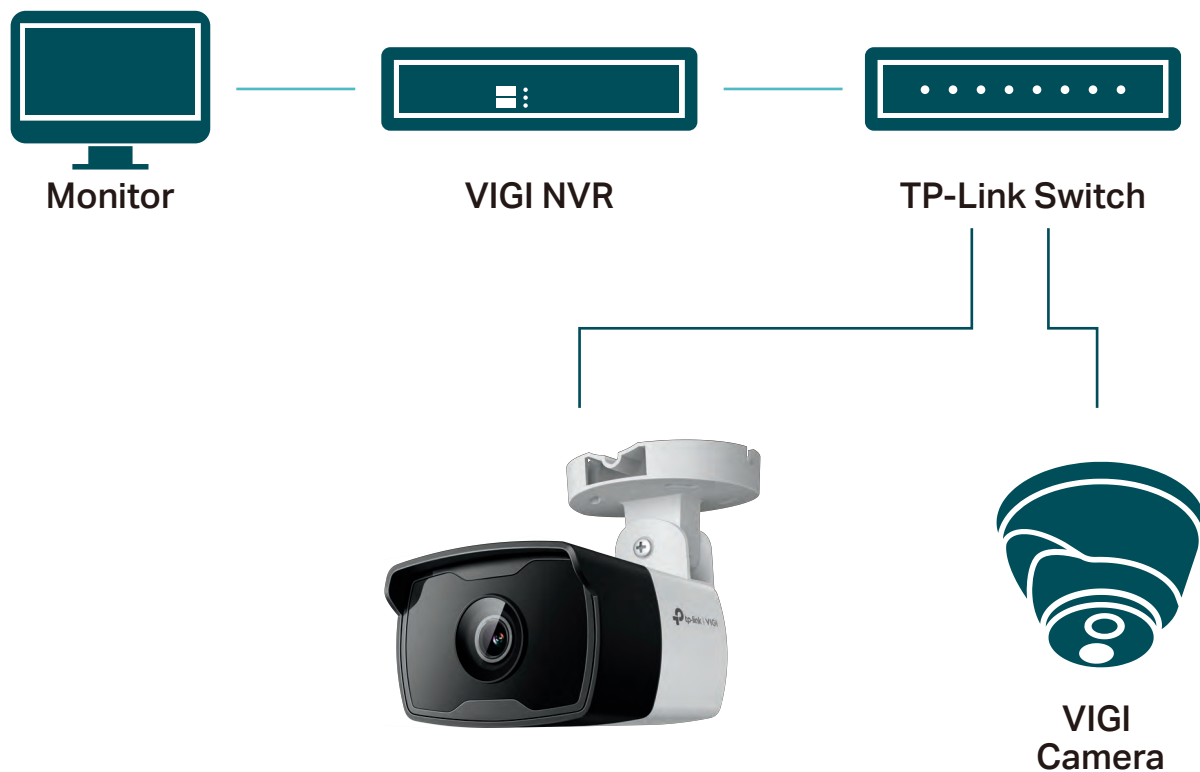
### 3D DNR

Removes abnormal pixelation to provide clearer video and eliminate distortion.

## // VIGI Surveillance Solution

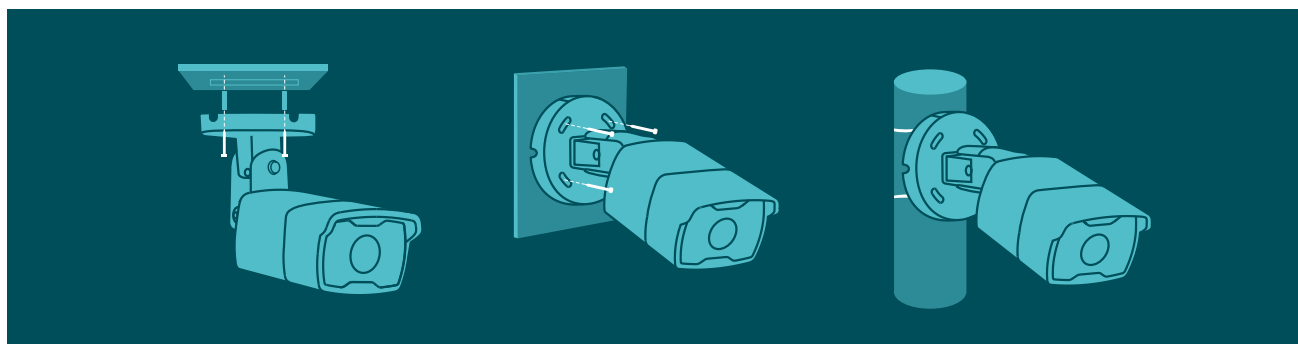
The VIGI professional surveillance system by TP-Link is dedicated to protecting the business that you've worked hard to build—whenever, wherever.

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 C320I                                                                                                                                                                                                                    | VIGI C330I                                                                                          | VIGI C340I                                                                                          |
| Image Sensor            | 1/3" Progressive Scan CMOS                                                                                                                                                                                                    | 1/2.8" Progressive Scan CMOS                                                                        | 1/3" Progressive Scan CMOS                                                                          |
| Min. Illumination       | Color: 0.1 Lux; 0 Lux with IR                                                                                                                                                                                                 |                                                                                                     |                                                                                                     |
| Day & Night             | IR Cut Filter                                                                                                                                                                                                                 |                                                                                                     |                                                                                                     |
| Digital Noise Reduction | 3D DNR                                                                                                                                                                                                                        |                                                                                                     |                                                                                                     |
| WDR                     | DWDR                                                                                                                                                                                                                          |                                                                                                     |                                                                                                     |
| Lens                    |                                                                                                                                                                                                                               |                                                                                                     |                                                                                                     |
| Focal length            | 2.8 mm/4 mm/6 mm                                                                                                                                                                                                              | 2.8 mm/4 mm/6 mm                                                                                    | 2.8 mm/4 mm/6 mm                                                                                    |
| Aperture                | 2.8mm: F2.2<br>4mm: F2.0<br>6mm: F2.0                                                                                                                                                                                         | 2.8mm: F2.2<br>4mm: F2.0<br>6mm: F2.0                                                               | 2.8mm: F2.2<br>4mm: F2.2<br>6mm: F2.0                                                               |
| Focus                   | Fixed                                                                                                                                                                                                                         |                                                                                                     |                                                                                                     |
| FOV                     | 2.8mm: 88.2°/48.6°/106.5° (H/V/D)<br>4mm: 74.6°/41.3°/88.1° (H/V/D)<br>6mm: 47.7°/26.5°/56° (H/V/D)                                                                                                                           | 2.8mm: 97.8°/52.9°/117.9° (H/V/D)<br>4mm: 82.5°/44.9°/99.3° (H/V/D)<br>6mm: 51.9°/28.7°/60° (H/V/D) | 2.8mm: 88.8°/48.9°/106.5° (H/V/D)<br>4mm: 75.1°/41.5°/88.7° (H/V/D)<br>6mm: 47.7°/26.5°/56° (H/V/D) |
| Lens Mount              | M12                                                                                                                                                                                                                           | M12                                                                                                 | M12                                                                                                 |
| IR                      |                                                                                                                                                                                                                               |                                                                                                     |                                                                                                     |
| IR Range                | 50m                                                                                                                                                                                                                           |                                                                                                     |                                                                                                     |
| Wavelength              | 850nm                                                                                                                                                                                                                         |                                                                                                     |                                                                                                     |
| Compression Standard    |                                                                                                                                                                                                                               |                                                                                                     |                                                                                                     |
| Video Compression       | Main Stream: H.265+/H.265/H.264+/H.264<br>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          | 64 Kbps to 4 Mbps                                                                                                                                                                                                             |                                                                                                     |                                                                                                     |
| Smart Feature-set       |                                                                                                                                                                                                                               |                                                                                                     |                                                                                                     |
| 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)                                                                                                                                                       |                                                                                                     |                                                                                                     |

|                         |                                                                                                                                          |                                                                                                                    |                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Linkage Method          | Trigger Notification: ONVIF, HTTPS                                                                                                       |                                                                                                                    |                                                                                                                              |
| Region of Interest      | 1 Region                                                                                                                                 |                                                                                                                    |                                                                                                                              |
| Image                   |                                                                                                                                          |                                                                                                                    |                                                                                                                              |
| Max. Resolution         | 2MP (1920 × 1080)                                                                                                                        | 3MP (2304 × 1296)                                                                                                  | 4MP (2560 × 1440)                                                                                                            |
| Main Stream             | Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps<br>Resolution: 1920x1080, 1280x960, 1280x720                                   | Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps<br>Resolution: 2304x1296, 2048x1280, 1920x1080, 1280x720 | Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps<br>Resolution: 2560x1440,2304x1296, 2048x1280, 1920x1080, 1280x720 |
| Sub-Stream              | Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps<br>Resolution: 704x576, 640x480, 352x288, 320x240                              | Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps<br>Resolution: 704x576, 640x480, 352x288, 320x240        | Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps<br>Resolution: 640x480, 352x288, 320x240                           |
| Image Enhancement       | BLC/3D DNR/HLC/SmartIR                                                                                                                   |                                                                                                                    |                                                                                                                              |
| Image Settings          | Mirror, brightness, contrast, saturation, sharpness, exposure, WDR, white balance, HLC adjustable by client software, Rotation(90°/270°) |                                                                                                                    |                                                                                                                              |
| Day/Night Switch        | Day/Night/Auto/Schedule                                                                                                                  |                                                                                                                    |                                                                                                                              |
| Network                 |                                                                                                                                          |                                                                                                                    |                                                                                                                              |
| Protocols               | TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS                                                                  |                                                                                                                    |                                                                                                                              |
| General Function        | Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening                                                            |                                                                                                                    |                                                                                                                              |
| API                     | ONVIF                                                                                                                                    |                                                                                                                    |                                                                                                                              |
| 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                                                                                                | VIGI App, VIGI Security Manager, VIGI NVR, Web                                                                     | VIGI App, VIGI Security Manager, VIGI NVR, Web                                                                               |
| Interface               |                                                                                                                                          |                                                                                                                    |                                                                                                                              |
| Communication Interface | 1 RJ45 10/100M Self-Adaptive Port                                                                                                        |                                                                                                                    |                                                                                                                              |
| Video Output            | No                                                                                                                                       |                                                                                                                    |                                                                                                                              |
| Reset Button            | N/A                                                                                                                                      |                                                                                                                    |                                                                                                                              |
| General                 |                                                                                                                                          |                                                                                                                    |                                                                                                                              |
| Operating Temperature   | -30–60 °C                                                                                                                                |                                                                                                                    |                                                                                                                              |
| Power Supply            | PoE (802.3af/at, class 0)                                                                                                                | 12V DC ± 5%, 5.5mm Coaxial Power Plug<br>PoE (802.3af/at, class 0)                                                 | 12V DC ± 5%, 5.5mm Coaxial Power Plug<br>PoE (802.3af/at, class 0)                                                           |
| Power Consumption       | PoE: class 0                                                                                                                             | 12V DC: Max 5W<br>PoE: class 0                                                                                     | 12V DC: Max 5W<br>PoE: class 0                                                                                               |
| Ingression Protection   | IP67                                                                                                                                     |                                                                                                                    |                                                                                                                              |

|                    |                    |
|--------------------|--------------------|
| Material           | Plastic            |
| Product Dimensions | 174 × 74 × 71 mm   |
| Certification      | CE/BSMI/VCCI/ONVIF |

Specifications are subject to change without notice and can be found at [www.tp-link.com](http://www.tp-link.com).  
©2022 TP-Link

#### 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