

# 5MP IR Fisheye Network Camera

MODEL: InSight S655I



**360°  
Monitoring**

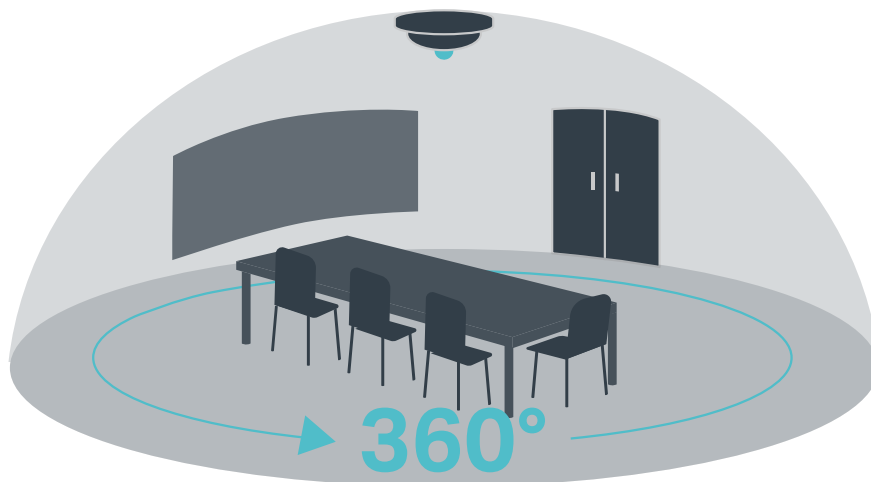
**Multiple Display  
Modes**

**Smart  
Detection**

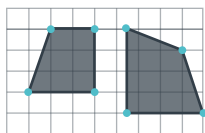
**Two Way  
Audio**

## // 360° Panoramic View

Covers all four corners with a single 360° panoramic view. Perfect for stores, offices, warehouses, and more.



## // Smart Detection



Intrusion Detection



Line-Crossing Detection



Abnormal Sound Detection



Region Entering Detection

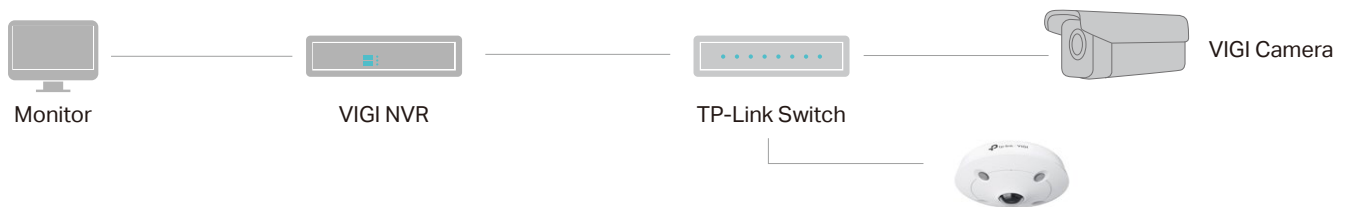


Region Exiting Detection

## // VIGI Surveillance Solution

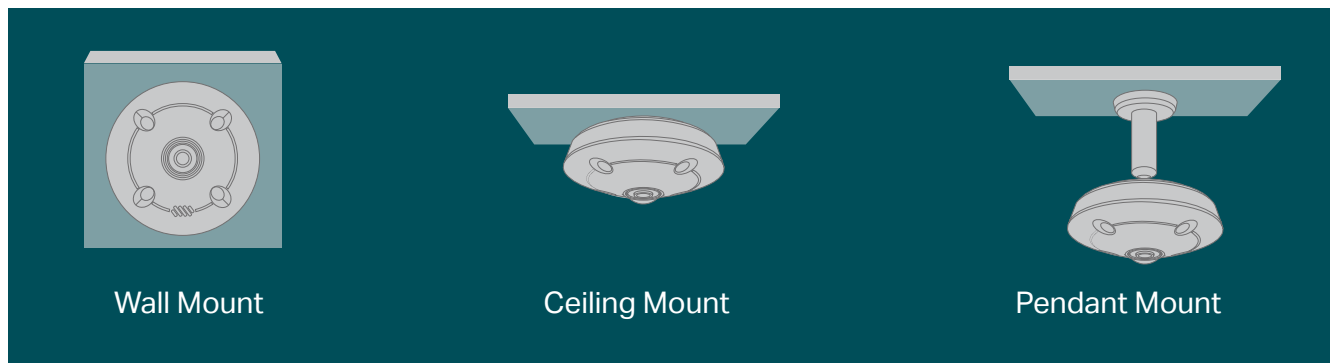
The VIGI professional surveillance system by TP-Link is dedicated to protecting the business that you've worked hard to build—whenever, wherever.

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 pendant.\*



## // Specifications

| Camera                     |                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------|
| Product Model              | InSight S655I                                                                                                  |
| Image Sensor               | 1/2.7" Progressive Scan CMOS                                                                                   |
| Shutter Speed              | 1/3 to 1/10000 s                                                                                               |
| Slow Shutter               | Yes                                                                                                            |
| Min. Illumination          | Color: 0.01 Lux; 0 Lux with IR                                                                                 |
| Day/Night Mechanism        | IR Cut Filter                                                                                                  |
| Day/Night Switch           | Unified/ Scheduled/ Auto                                                                                       |
| Lens                       |                                                                                                                |
| Focal Length               | Fixed Focal Lens                                                                                               |
| Focal Length               | 1.44 mm                                                                                                        |
| Aperture                   | F2.0                                                                                                           |
| FOV                        | Horizontal FOV: 180°, Vertical FOV: 180°, Diagonal FOV: 180°                                                   |
| Lens Mount                 | M12*P0.5                                                                                                       |
| DORI Distance              | Detect: 28.8 m (94 ft)<br>Observe: 12 m (39 ft)<br>Recognize: 5.7 m (19 ft)<br>Identify: 2.8 m (9 ft)          |
| Illuminator                |                                                                                                                |
| IR LED                     | <ul style="list-style-type: none"><li>• Quantity: 4</li><li>• Range: 10m</li><li>• Wavelength: 850nm</li></ul> |
| White LED                  | N/A                                                                                                            |
| Illuminator On/Off Control | Auto/Scheduled/Always on/Always off                                                                            |
| Video                      |                                                                                                                |
| Max. Resolution            | 2560 × 1920                                                                                                    |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main Stream       | <ul style="list-style-type: none"> <li>• Frame Rate:<br/>50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps<br/>60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps</li> <li>• Resolution:<br/>2560 × 1920, 2256 × 1696, 2048 × 1536, 1280 × 960</li> </ul> <p>Note: If the image rotation is set to 90° or 270°, the frame rate only supports up to 20fps. If WDR is on, the frame rate only supports up to 15fps.</p> |
| Sub-Stream        | <ul style="list-style-type: none"> <li>• Frame Rate:<br/>50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps<br/>60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps</li> <li>• Resolution:<br/>640 × 480, 320 × 240</li> </ul> <p>Note: If the image rotation is set to 90° or 270°, the frame rate only supports up to 20fps. If WDR is on, the frame rate only supports up to 15fps.</p>                              |
| Bit Rate Control  | CBR, VBR                                                                                                                                                                                                                                                                                                                                                                                                          |
| Video Compression | Main Stream: H.265/H.264/H.265+/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    | <ul style="list-style-type: none"> <li>• Main Stream: 256 Kbps to 6 Mbps</li> <li>• Sub-Stream: 64 Kbps to 512 Kbps</li> </ul>                                                                                                                                                                                                                                                                                    |

| Image                       |                                                                                                                                                                                                                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Settings              | <ul style="list-style-type: none"> <li>• Brightness</li> <li>• Contrast</li> <li>• Saturation</li> <li>• Sharpness</li> <li>• Exposure</li> <li>• WDR,</li> <li>• White Balance</li> <li>• Prevent Overexposure to Infrared Light</li> <li>• HLC Adjustable by Client Software</li> </ul> |
| Image Enhancement           | BLC/3D DNR/HLC/SmartIR                                                                                                                                                                                                                                                                    |
| Wide Dynamic Range          | 120 dB                                                                                                                                                                                                                                                                                    |
| 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, SMTP, SNMP, 802.1x                                                                                                                                                              |
| ONVIF                       | Yes                                                                                                                                                                                                                                                                                       |
| API                         | Open Network Video Interface (Profile S/T/G)                                                                                                                                                                                                                                              |
| Simultaneous Live View      | 3 Main Streams & 3 Sub-Streams                                                                                                                                                                                                                                                            |

|                                   |                                                                                                                                                                                                                         |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Client                            | Utility, VIGI App, Web UI, VIGI VMS, VIGI Cloud VMS                                                                                                                                                                     |
| Web Browser                       | <ul style="list-style-type: none"> <li>• Google Chrome® 57 and above</li> <li>• Firefox® 52 and above</li> <li>• Safari® 11 and above</li> <li>• Microsoft® Edge 91 and above</li> </ul>                                |
| Cloud                             | Yes                                                                                                                                                                                                                     |
| Security                          | Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication                                                                                                                                         |
| <b>Alarm and Event Management</b> |                                                                                                                                                                                                                         |
| Smart Event                       | <ul style="list-style-type: none"> <li>• Intrusion Detection</li> <li>• Line-Crossing Detection</li> <li>• Region Entering Detection</li> <li>• Region Exiting Detection</li> <li>• Abnormal Sound Detection</li> </ul> |
| Basic Event                       | <ul style="list-style-type: none"> <li>• Motion Detection</li> <li>• Video Tampering Detection</li> <li>• Exception ( Illegal Login)</li> </ul>                                                                         |
| Alarm Linkage                     | <ul style="list-style-type: none"> <li>• Memory Card Video Recording</li> <li>• Message Push</li> <li>• Audible Warning</li> </ul>                                                                                      |
| Linkage Method                    | N/A                                                                                                                                                                                                                     |
| Output Notification               | <ul style="list-style-type: none"> <li>• Message Push</li> <li>• Email Alarm</li> <li>• Upload Capture to FTP</li> </ul>                                                                                                |
| <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 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               |                                                                                                                                                                              |
| Operating Temperature | -30–60 °C                                                                                                                                                                    |
| Storage Temperature   | -40–60 °C                                                                                                                                                                    |
| Operating Humidity    | 95% or Less (Non-Condensing)                                                                                                                                                 |
| Storage Humidity      | 95% or Less (Non-Condensing)                                                                                                                                                 |
| Package Contents      | <ul style="list-style-type: none"> <li>• VIGI Network Camera</li> <li>• Quick Start Guide</li> <li>• Waterproof Cable Attachments</li> <li>• Mounting Accessories</li> </ul> |
| Power Supply          | <ul style="list-style-type: none"> <li>• 12V DC <math>\pm</math> 5%, Max. 11.76 W, 5.5mm Coaxial Power Plug</li> <li>• PoE: 802.3af/at, class 0, Max. 12.14W</li> </ul>      |
| Protection            | IP67 Weatherproof, IK10 Vandal Proof                                                                                                                                         |
| Material              | Metal                                                                                                                                                                        |
| Net Weight            | <ul style="list-style-type: none"> <li>• 0.44 Kg ( without Mounting Accessories)</li> <li>• 0.48 Kg ( with Mounting Accessories)</li> </ul>                                  |
| Product Dimensions    | 5.2 × 5.2 × 2.2 in (132 × 132 × 56mm)                                                                                                                                        |
| Certifications        | CE; NTRA; KC; FCC; VCCI; BSMI; ONVIF                                                                                                                                         |



## Dimensions



<sup>®</sup>The microSD card and pendant mounting kits are not included in the package.

\*Calculations based on laboratory testing using a 3MP VIGI camera, and an actual performance may vary according to the amount of activity recorded, resolution and other variables.

\*\*The microSD card and pendant mounting kits 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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