



**Datasheet**  
Security Never Shuts Down

## Full-Color Dome Network Camera

MODEL: InSight S225



2MP | H.265+

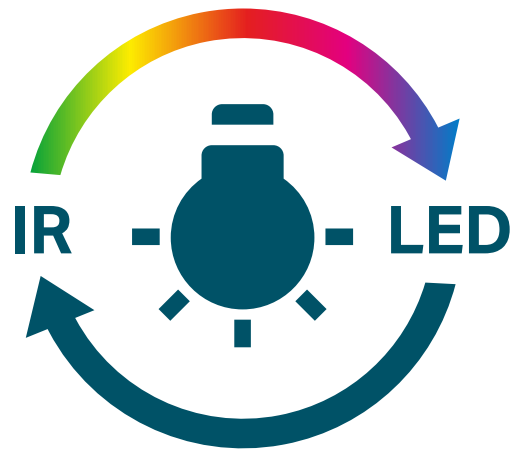
Human & Vehicle  
Classification

Smart  
Detection

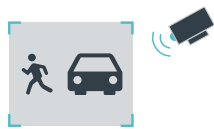
Built-in  
Microphone

## // LightPro Night Vision Technology

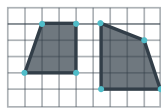
Intelligently switches between IR and full-color night vision by detecting people or vehicles, effectively minimizing light pollution and conserving energy.



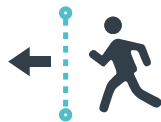
## // Smart Detection



Human & Vehicle  
Classification



Intrusion  
Detection



Line-Crossing  
Detection



Region Entering  
Detection

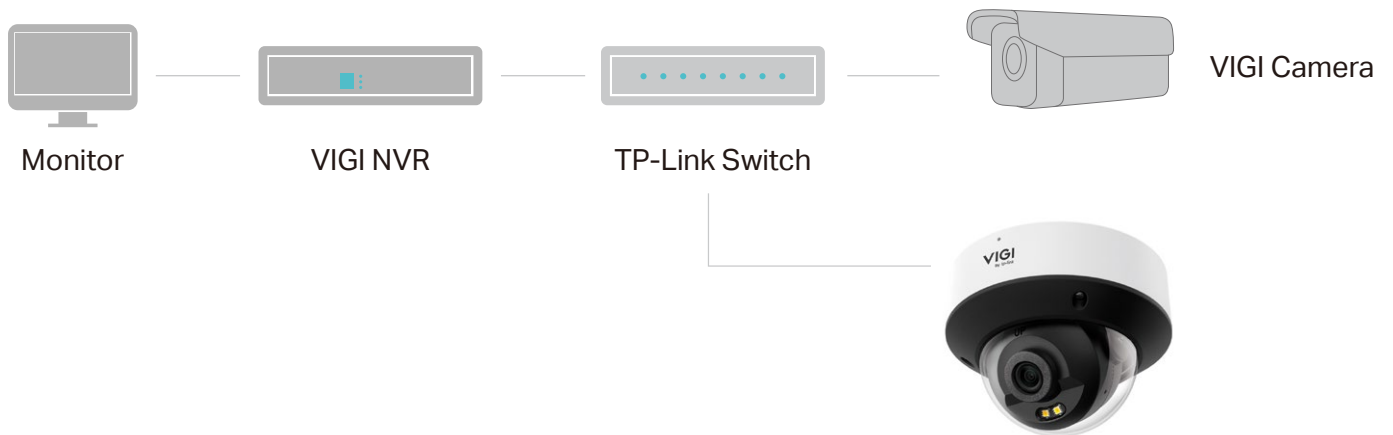


Region Exiting  
Detection

## // VIGI Surveillance Solution

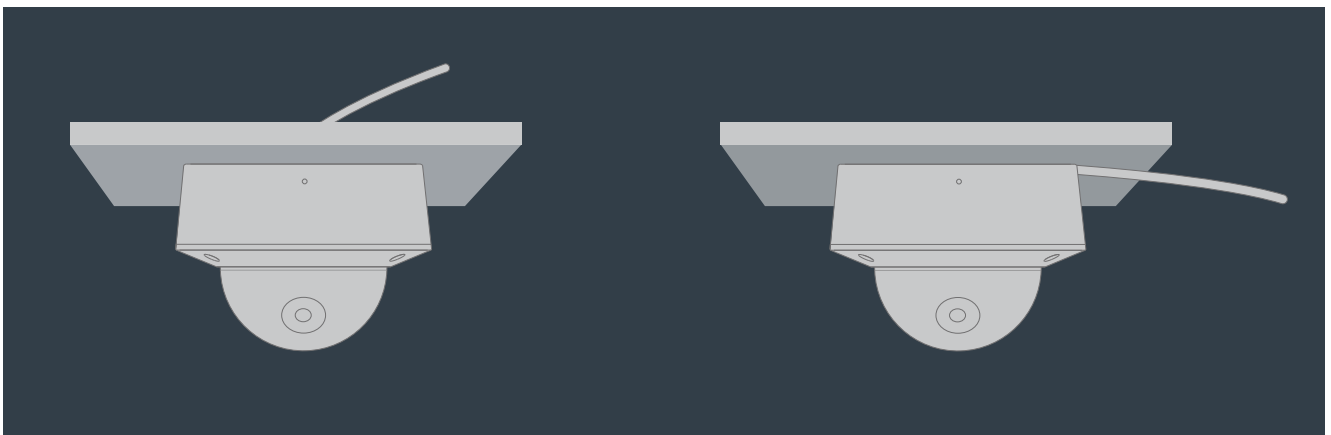
The VIGI professional surveillance system by TP-Link is dedicated to protecting the business that you've worked hard to build—whenever, wherever.

Outstanding functions, reliable quality guarantees, and simplified installation work together to ensure your business stays safe and sound.



## // Flexible Installation

Easily route your camera's cable into a dropped ceiling or avoid drilling by slotting it through the camera's side outlet.



## // Build Features



## // Specifications

| Camera              |  |
|---------------------|--|
| Product Model       | InSight S225   |
| 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                |  |
| Type                | Fixed Focal Lens   |
| Focal Length        | 2.8 mm / 4 mm  |
| Aperture            | F2.0   |
| FOV                 | <ul style="list-style-type: none"><li>• 2.8 mm:<br/>Horizontal FOV: 98.8°, Vertical FOV: 53.5°, Diagonal FOV: 117°</li><li>• 4 mm:<br/>Horizontal : 75.2°, Vertical: 40.8°, Diagonal: 88.3°</li></ul>  |
| Lens Mount          | M12  |
| DORI Distance       | <ul style="list-style-type: none"><li>• 2.8 mm<br/>Detect: 153 ft (47 m)<br/>Observe: 64 ft (19 m)<br/>Recognize: 31 ft (9 m)<br/>Identify: 15 ft (5 m)</li><li>• 4 mm<br/>Detect: 194 ft (59 m)<br/>Observe: 81 ft (25 m)<br/>Recognize: 39 ft (12 m)<br/>Identify: 19 ft (6 m)</li></ul> |

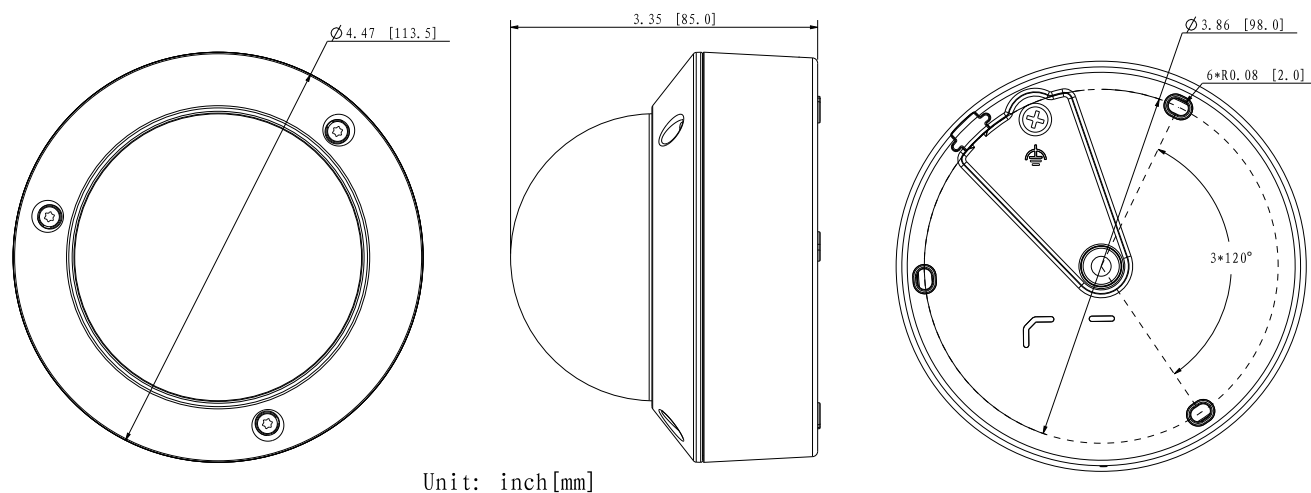
| Angle Adjustment (Manual)  |  |
|----------------------------|--|
| Range                      | Pan: 0° to 353.5°, Tilt: 0° to 75°, Rotate: 0° to 355°   |
| Illuminator                |  |
| IR LED                     | <ul style="list-style-type: none"> <li>• Quantity: 2</li> <li>• IR Range: 98 ft (30 m)*</li> <li>• White LED Range: 98 ft (30 m)*</li> <li>• IR Wavelength: 850 nm</li> </ul>  |
| Illuminator On/Off Control | Auto/Scheduled/Always on/Always off  |
| Video                      |  |
| Max. Resolution            | 1920x1080  |
| 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/>1920x1080, 1280x960, 1280x720</li> <li>• Note:<br/>If the image rotation is set to 90°, the frame rate only supports up to 20fps.</li> </ul>                        |
| 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/>848x480, 704x576, 640x480, 640x360, 352x288, 320x240</li> <li>• Note:<br/>If the image rotation is set to 90°, the frame rate only supports up to 20fps.</li> </ul> |
| Bit Rate Control           | CBR, VBR   |
| Video Compression          | <ul style="list-style-type: none"> <li>• Main Stream: H.265+/H.265/H.264+/H.264</li> <li>• Sub-Stream: H.265/H.264</li> </ul>  |
| 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 4 Mbps</li> <li>• Sub-Stream: 64 Kbps to 512 Kbps</li> </ul>   |
| Image                       |  |
| Image Settings              | <ul style="list-style-type: none"> <li>• Mirror</li> <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/Smart IR  |
| 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         | N/A  |
| Audio Input                 | Yes  |
| Audio Output                | N/A  |
| 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  |
| ONVIF                       | Yes  |

|                                   |  |
|-----------------------------------|--|
| API                               | Open Network Video Interface (Profile S/T)   |
| Simultaneous Live View            | 3 Main Streams & 3 Sub-Streams   |
| Client                            | VIGI APP, Web UI, VIGI VMS, VIGI Cloud VMS, VIGI Config Tool   |
| 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>• People Detection</li> <li>• Vehicle Detection</li> </ul> |
| Basic Event                       | <ul style="list-style-type: none"> <li>• Motion detection(Enhanced with Human &amp; Vehicle Classification for more accurate alerts)</li> <li>• Camera Tampering</li> <li>• Exception (Illegal Login)</li> </ul>                             |
| Alarm Linkage                     | <ul style="list-style-type: none"> <li>• Sending Email</li> <li>• Send to Alarm Server</li> <li>• Upload to FTP Server</li> </ul>  |
| <b>Interface</b>                  |  |
| Network Interface                 | 1 RJ45 10/100M Self-Adaptive Ethernet Port, PoE  |
| On-board Storage                  | N/A  |
| Built-in Speaker                  | N/A  |
| Built-in Microphone               | Yes; Records Anything Going on within a 15 ft (4.6 m) Radius of the Camera   |
| Audio                             | N/A  |
| Alarm                             | N/A  |
| Reset Button                      | N/A  |



|                       |  |
|-----------------------|--|
| Power                 | DC Power Port  |
| <b>General</b>        |  |
| Operating Temperature | -30 °C to 60 °C  |
| Storage Temperature   | -40 °C to 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. 6.3 W, 5.5 mm Coaxial Power Plug</li> <li>• PoE: 802.3af/at, class 0, Max. 6.7 W</li> </ul>        |
| Protection            | IP67 Waterproof, IK10 Vandal Proof   |
| Material              | Metal  |
| Net Weight            | 0.5 Kg   |
| Product Dimensions    | Ø4.5 × 3.4 in (Ø113.5 × 85.7mm)  |
| Certifications        | CE, NTRA, KC, FCC, VCCI, BSMI, ONVIF, IP67, IK10   |
| <b>Dimensions</b>     |  |



\*Calculations are based on laboratory testing. Actual data is not guaranteed and will vary as a result of client limitations and environmental factors

Specifications are subject to change without notice and can be found at [www.vigi.com](http://www.vigi.com).

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