



DataSheet

CAMERA

- **Image Sensor: 1/3" Progressive Scan CMOS**
- **Shutter Speed: 1/3 to 1/10000s**
- **Slow Shutter: Yes**
- **Aperture:**
 - **2.8 mm: F2.2**
 - **4 mm: F2.0**
- **Lens: 2.8 mm / 4 mm**
- **Lens Mount: M12**
- **Minimum Illumination: Color: 0.1 Lux; 0 Lux with IR**
- **Day/Night Mechanism: IR Cut Filter**
- **Day/Night Switch: Unified / Scheduled / Automatic**
- **Digital Noise Reduction: 3D DNR**
- **WDR: DWDR**
- **Weather Resistance Rating: IP67**
- **IR Distance: 30 m**
- **Field of View:**
 - **2.8 mm: 88.2° (H) / 48.7° (V) / 106.5° (D)**
 - **4 mm: 74.6° (H) / 41.3° (V) / 88.1° (D)**

LENS

- **Type: Fixed focal lens**
- **Focal Length: 2.8 mm / 4 mm**
- **Aperture:**
 - **2.8 mm: F2.2**

- 4 mm: F2.0
- Field of View:
 - 2.8 mm: 88.2° (H) / 48.7° (V) / 106.5° (D)
 - 4 mm: 74.6° (H) / 41.3° (V) / 88.1° (D)
- Lens Mount: M12

DORI Distance

- 2.8 mm:
 - Detect: 45 m
 - Observe: 19 m
 - Recognize: 9 m
 - Identify: 5 m
 - 4 mm:
 - Detect: 60 m
 - Observe: 25 m
 - Recognize: 12 m
 - Identify: 6 m

Manual Angle Adjustment

- Pan: 0° to 355°
- Tilt: 0° to 75°

ILLUMINATION

- IR LED:
 - Quantity: 2
 - Range: 30 m
 - Wavelength: 850 nm
- White LED: Not available
- Illuminator Control: Auto / Scheduled / Always On / Always Off

VIDEO

- **Max. Resolution: 1920 × 1080**
- **Main Stream Frame Rate:**
 - 50 Hz: 1, 5, 10, 15, 20, 25 fps
 - 60 Hz: 1, 5, 10, 15, 20, 25, 30 fps
 - Resolutions: 1920x1080, 1280x960, 1280x720

Note: If image rotation is set to 90° or 270°, frame rates are limited to 20 fps.

- **Sub-Stream Frame Rate:**
 - 50 Hz: 1, 5, 10, 15, 20, 25 fps
 - 60 Hz: 1, 5, 10, 15, 20, 25, 30 fps
 - Resolutions: 704x576, 640x480, 352x288, 320x240
- **Bitrate Control: CBR, VBR**
- **Video Compression:**
 - Main Stream: H.265+ / H.265 / H.264+ / H.264
 - Sub-Stream: H.265 / H.264
- **Video Bitrate:**
 - Main Stream: 256 Kbps to 4 Mbps
 - Sub-Stream: 64 Kbps to 512 Kbps

IMAGE

- **Settings: Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance, IR Overexposure Prevention, HLC adjustable via client software, Rotation (90°/270°)**
- **Image Enhancement: BLC, 3D DNR, HLC, SmartIR**
- **WDR: DWDR**
- **SNR: ≥ 52 dB**
- **Image Parameter Switching: Yes**
- **Privacy Masking: Up to 4 masks**

- **ROI: 1 region**
- **OSD: Supported**

AUDIO

- **Audio input, output, compression: Not supported.**

NETWORK

- **Protocols: TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP, SSL/TLS**
- **ONVIF: Supported**
- **API: ONVIF**
- **Simultaneous Live View: 3 main streams and 3 sub-streams**
- **Client: VIGI App, VIGI Security Manager, VIGI NVR**
- **Web Browser: Supported**
- **Cloud: Supported**
- **Security: Password protection, HTTPS encryption, IP address filtering, Digest authentication**

ALARM & EVENT MANAGEMENT

- **Smart Events:**
 - **People and vehicle classification**
 - **Area intrusion detection**
 - **Line crossing detection**
 - **Region entrance/exit detection**
 - **Object abandonment/removal detection**
- **Basic Events:**
 - **Motion detection**
 - **Video tampering**

- Exception (illegal login)
- Alarm Linkage: Push notifications

INTERFACES

- Network: 1 × RJ45 10/100M adaptive Ethernet port
- Audio, Reset Button, Onboard Storage, Video Output: Not available

GENERAL

- Operating Temperature: -30 °C to 60 °C
- Storage Temperature: -40 °C to 60 °C
- Humidity: 95% or less (non-condensing)
- Material: Durable plastic
- Protection: IP67, IK10
- Power Supply: PoE (802.3af/at, Class 0)
- Max Power Consumption: PoE Class 0
- Net Weight: 0.26 kg
- Gross Weight: 0.43 kg
- Dimensions: 115 × 86 × 115 mm
- Certifications: CE, BSMI, VCCI, ONVIF

Package Contents:

- VIGI Network Camera
- Quick Start Guide
- Waterproof cable accessories

- **Mounting accessories**