

Item no.: 385920

## EN50155, HD image, fixed-dome IP camera, PoE, M12 connector, IR, MIC, 1 DI, 3.6

from **1.134,14 EUR**

Item no.: 385920  
 shipping weight: 0.90 kg  
 Manufacturer: MOXA



### Product Description

The rugged VPort P16-1MP-M12-IR cameras produce HD (720P, 1280 x 720) video images and feature 3 H.264/MJPEG video streams, giving them the versatility and ruggedness needed for mobile IP video surveillance applications in a variety of different installations and environments. In addition, the cameras feature vandal-proofing (EN 62262 IK10), a -25 to 55°C or -40 to 70°C (T models) operating temperature, a rugged M12 Ethernet port, PoE power input, a built-in microphone, a digital input, IP66 rain and dust protection, an IR illuminator for day & night image capabilities, and are compliant with the mandatory sections of EN 50155.

**Specifications**

- Input/Output Interface- Digital Input Channels 1- Digital Inputs +13 to +30 V for state 1-30 to +1 V for state 0
- Max. input current: 8 mA- Connector 5-pin A-coded male M12 connector with 20 cm cable
- Ethernet Interface- PoE Ports (10/100BaseT(X), M12 D-coded 4-pin female connector)
- 1- Standards IEEE 802.3af for PoE
- Ethernet Software Features- Protocols TCP/IP, IPv4, UDP, HTTP, RTP/RTSP, ARP, UPnP, FTP, TFTP, SMTP, NTP Client, DNS, DDNS, QoS, IGMP v3, ICMP, SNMPv1/v2c/v3, DHCP Opt66/67, HTTPS
- Security Functions- Password User-level password protection- Filter IP address- Encryption HTTPS
- Power Parameters- No. of Power Inputs 1- Source of Input Power PoE (IEEE 802.3af)- Input Current 0.19 A @ 48 VDC
- Camera Characteristics- Sensor 1/2.7-in HD progressive scan CMOS- Lens VPort P16-1MP-M12-IR-CAM36 Series: f=3.6mm, F1.6, Diagonal 99°, Horizontal 94°, Vertical 47°- Minimum Illumination Color: 0.2 lux, at F1.2 (Gain High, 50 IRE, 1/30 sec) B/W: 0.05 lux, at F1.2 (Gain High, 50 IRE, 1/30 sec)
- Note: 0 lux if IR illuminator is on- Camera Angle Pan 350°, Tilt 65° (controlled manually)- Day & Night Auto/Color/BW; ICR control- Synchronization Internal- White Balance ATW/AWB- Electronic Shutter Auto, Fixed (1/30 to 1/25000 sec)- S/N Ratio Maximum 50 dB (AGC off; DNR on)- ICR Control Auto (light sensor control) or DI control- IR Illumination IR LED illuminators, 5-meter (max.) effective distance; On/Off controlled manually (night mode) or by the light sensor- DNR (digital noise reduction) Built-in 2D/3D DNR- WDR (wide dynamic range) 110 dB- Flickerless Control Automatic, 50 Hz, 60 Hz modes- Image Rotation Flip, Mirror, and 180° rotation- Image Setting Manual tuning with saturation, sharpness, and contrast- AGC (auto gain control) 2X, 4X, 8X, 16X, 32X, 64X- BLC (back light compensation) High/Medium/Low
- Video Interface- Video Compression H.264 (ISO/IEC 14496-10) or MJPEG- Video Output via Ethernet- Video Streams 3 independent H.264 or MJPEG video streams- Video Viewing DynaStream™ support for changing the video frame rate automatically
- CBR Pro™ for good image quality in limited bandwidth transmissions
- 3 privacy mask areas provided
- Adjustable image size and quality
- Timestamp and text overlay
- OSD (On Screen Display) position adjustable
- Maximum of 5 simultaneous unicast connections, 50 multicast clients
- Audio Interface- Audio Format Mono, PCM (G.711)- Audio Inputs 1 x built-in microphone
- Camera Software Development- VPort SDK PLUS Includes CGI commands, ActiveX Control, and API library for customized applications or system integration for third-party developers- Video Standards ONVIF Profile S
- Camera Alarm Software Features- Intelligent Video Camera tampering detection- Video Motion Detection 3 independently configurable areas- Scheduling Daily repeat timing schedule- Imaging JPEG snapshots for pre/trigger/post alarm images- Custom Alarms HTTP event servers for setting customized alarm actions- Email/FTP Messaging Automatic transfer of stored images via email or FTP as event-triggered actions- Pre-Alarm Buffer 12 MB video buffer for JPEG snapshot images
- Software Requirements- Memory Size 1 GB- Operating System Windows 7 or above- Browser Internet Explorer 9.x or above- Multimedia DirectX 9.0C or above
- Physical Characteristics- Housing IP66 rain and dust protection
- Metal housing, PC dome cover
- IK10 vandal resistant protection- Dimensions 125 x 125 x 120.7 mm (4.92 x 4.92 x 4.8 in)- Weight 870 g (1.92 lb)- Installation Panel mounting- Protection -CT models: PCB conformal coating
- Environmental Limits- Operating Temperature Standard Models: -25 to 55°C (-13 to 131°F)- Storage Temperature (package included) -40 to 85°C (-40 to 185°F)- Ambient Relative Humidity 5 to 95% (non-condensing)- Ingress Protection IEC 60529, IP66- Salt Spray Test ASTM-B117- Vandal Resistance EN 62262, IK10- Altitude 2000 m
- Standards and Certifications- EMI CISPR 32, FCC Part 15B Class A- EMS IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV
- IEC 61000-4-3 RS: 80 MHz to 1 GHz: 20 V/m
- IEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kV
- IEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kV
- IEC 61000-4-6 CS: 10 V
- IEC 61000-4-8 PFMF- Freefall IEC 60068-2-31- Railway Fire Protection EN 45545-2- Safety UL 60950-1- Shock IEC 60068-2-27, IEC 61373, EN 50155- Vibration IEC 60068-2-64, IEC 61373, EN 50155- Railway EN 50155 (complies with a portion of EN 50155 specifications)
- MTBF- Time 1,052,184 hrs- Standards Telcordia SR332
- Package Contents- Device 1 x VPort P16-1MP-M12-IR Series camera- Installation Kit 1 x sticker 1 x L-type Torx screwdriver 4 x indented hexagonal head tapping screws, nuts, gaskets, and spring washers- Documentation 1 x document and software CD 1 x quick installation guide

### Specifications

Scan this QR code to view the product

All details, up-to-date prices and availability

