

Item no.: 385926

## VPOR T P16-1MP-M12-IR-CAM80-T - EN50155, HD image, fixed dome IP camera, PoE, M12 connection

from **1.063,19 EUR**

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shipping weight: 0.90 kg  
Manufacturer: MOXA



### Product Description

Our range of IP cameras includes dome and box cameras as well as cameras with a robust design. They fulfil parts of the EN 50155 standard and therefore offer reliable performance and excellent image quality for a range of applications. EN50155, HD image, fixed dome IP camera, PoE, M12 connection, IR, MIC, 1DI, 8.0mm lens, -40 to 70°C operating temperature 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: 8 mA Input current: 8 mA Connector- 5-pin A-coded M12 connector with 20 cm cable Ethernet interface PoE ports (10/100BaseT(X), M12 D-coded 4-pin socket)- 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- Password protection at user level Filter- IP address Encryption- HTTPS Performance parameters Number of power inputs- 1 Power source- PoE (IEEE 802.3af) Input current- 0.19 A @ 48 VDC Camera features Sensor- 1/2.7-in HD progressive scan CMOS Lens- f=8.0 mm, F1.6, diagonal 45°, horizontal 40°, vertical 22° Minimum illumination- Colour: 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 when the IR illuminator is switched on Camera angle- Pan 350°, Tilt 65° (manually controlled) Day & Night- Auto/Colour/BW; ICR control Synchronisation- Internal White balance- ATW/AWB Electronic shutter- Auto, fixed (1/30 to 1/25000 sec.) Shutter lag Signal-to-noise ratio- Maximum 50 dB (AGC off; DNR on) ICR control- Auto (light sensor control) or DI control IR illumination- IR LED illuminator, 5 metres (max.) effective distance; On/off control manually (night mode) or via the light sensor DNR (digital noise reduction)- Integrated 2D/3D DNR WDR (Wide Dynamic Range)- 110 dB Flickerless control- Automatic, 50 Hz, 60 Hz modes Image rotation- Rotate, flip, and 180° rotation Image adjustment- Manual adjustment with saturation, sharpness and contrast AGC (automatic gain control)- 2x, 4x, 8x, 16x, 32x, 64x BLC (backlight 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 resolution and FPS (frames per second) Video display- DynaStream™ support for automatic change of video frame rate- CBR Pro™ for good image quality in transmissions with limited bandwidth- 3 areas for data protection masks- Adjustable image size and quality- Time stamp and text overlay- OSD (On Screen Display) position adjustable- Maximum 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 custom 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 repeating schedule Imaging- JPEG snapshots for pre/trigger/post alarm images/images Customised alarms- HTTP event server for setting customised alarm actions Email/FTP messaging- Automatic transfer of stored images via email or FTP as event-driven alarms Mail or FTP as event-triggered actions Pre-alarm buffer- 12 MB video buffer for JPEG snapshots Software requirements Memory size- 1 GB Operating system- Windows 7 or higher Browser- Internet Explorer 9.x or higher Multimedia- DirectX 9.0C or higher Physical properties Housing- IP66 rain and dust protection- Metal housing, PC dome cover- IK10 vandalism 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 Ambient conditions Operating temperature- -40 to 70°C (-40 to 158°F) Storage temperature (including packaging)- -40 to 85°C (-40 to 185°F) Relative humidity- 5 to 95% (non-condensing) Protection class- IEC 60529, IP66 Salt spray test- ASTM-B117 Vandalism 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 PFM Free fall- 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 (fulfils part of the EN 50155 specifications) MTBF Time- 1.052,184 hours Standards- Telcordia SR332

### Specifications

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All details, up-to-date  
prices and availability

