

Item no.: 385746

## VPOR P16-2MR42M-T - EN50155, day/night, IR, 1080P IP camera, 4.2 mm lens, PoE, M12 connector

from **1.032,32 EUR**

Item no.: 385746  
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, day & night, IR, 1080P IP camera, 4.2 mm lens, PoE, M12 connection, -40 to 70°C Operating temperature Memory- microSD Slot SDXC 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/IPv6, UDP, HTTP, RTP/RTSP, ARP, UPnP, FTP, TFTP, SMTP, NTP Client, DNS, DDNS, QoS, IGMP v3, ICMP, SNMP v1/v2c/v3, DHCP Opt 6/67, 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 0.26 A @ 48 VDC Camera Characteristics- Sensor 1/3-in 1080P progressive scan CMOS- Lens f=4.2 mm, F1.6, Diagonal 82°, Horizontal 62°, Vertical 34°- 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 if IR illuminator is on- Camera Angle Pan 350°, Tilt 65° (controlled manually)- Day & Night Auto/Color/BW; ICR control- Synchronisation 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) 100 dB- AGC (auto gain control) 2X, 4X, 8X, 16X- Flickerless Control Automatic, 50 Hz, 60 Hz modes- Image Rotation Flip, Mirror, 90°, 180°, 270° rotation- Image Setting Manual tuning with saturation, sharpness, and contrast Video Interface- Video Compression H.264 (ISO/IEC 14496-10) or MJPEG- Video Output via Ethernet- Video Streams 4 independent H.264 or MJPEG video streams- Video Resolution and FPS (frames per second) Read more- 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) AAC- Audio Inputs 1 x built-in microphone Camera Software Development- Video Standards ONVIF Profile S Camera Alarm Software Features- Intelligent Video Camera tampering detection- Video Motion Detection 3 independently configurable areas- Shock Detection Built-in G sensor- Scheduling Daily repeat timing schedule- Imaging JPEG snapshots for pre/trigger/post alarm images- Custom Alarms HTTP event servers for setting customised alarm actions- Email/FTP Messaging Automatic transfer of stored images via email or FTP as event-triggered actions- Pre-Alarm Buffer 50 MB video buffer for JPEG snapshot images- Video Recording Event recordings stored on the SD card Software Requirements- Memory Size 2 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 IK8 vandal resistant protection- Dimensions 125 x 125 x 120.7 mm (4.92 x 4.92 x 4.8 in)- Weight 890 g (1.96 lb)- Installation Panel mounting Environmental Limits- Operating Temperature -40 to 70°C (-40 to 158°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, IK8- 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: 2 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 997,474 hrs- Standards Telcordia SR332

### Specifications

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view the product  
All details, up-to-date  
prices and availability

