

Item no.: 385912

## VPOR P16-1MP-M12-CAM36-CT - EN50155, HD image, robust fixed dome IP camera, PoE, M12 connection

from **996,58 EUR**

Item no.: 385912  
shipping weight: 0.90 kg  
Manufacturer: MOXA



### Product Description

The rugged VPort P16-1MP-M12 cameras deliver an HD video image (720P, 1280 x 720) and feature 3 H.264/MJPEG video streams, giving them the versatility and robustness to excel in many different installations and environments for mobile IP video surveillance applications. In addition, the cameras comply with the mandatory sections of EN 50155,1 covering operating temperature, input voltage, overvoltage, ESD and vibration, as well as conformal coating and current isolation, making them suitable for a wide range of industrial applications, and feature vandal resistance (EN 62262 IK10), an operating temperature of -25 to 55°C or -40 to 70°C (T models), a robust M12 Ethernet connection, PoE power inputs, IP66 protection against rain and dust, and day and night imaging. Night imaging capability. Specifications Ethernet interface- PoE ports (10/100BaseT(X), M12 D-coded 4-pin socket) 1 Ethernet software functions- 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, HTTP Security functions- Password protection at user level- IP address filter- HTTPS encryption Performance parameters- Number of power inputs 1- Input power source PoE (IEEE 802.3af)- Input current 0.35 A @ 48 VDC Camera features- Sensor 1/2.7-in HD progressive scan CMOS- Lens VPort P16-1MP-M12-CAM36 series: f=3.6mm, F1.6, Diagonal 99°, Horizontal 94°, Vertical 47°- 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)- Camera angle Pan 350°, Tilt 65° (manually controlled)- Day & Night Auto/Colour/BW; ICR control- ICR control Auto- Synchronisation Internal- White balance ATW/AWB- Electronic shutter Auto, fixed (1/30 to 1/25000 sec.) - Noise ratio max.- Signal-to-noise ratio maximum 50 dB (AGC off; DNR on)- 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 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 viewing DynaStream™ support for automatically changing the video frame rate CBR Pro™ for good image quality for transmissions with limited bandwidth 3 privacy mask areas available Adjustable image size and quality Timestamp and text overlay OSD (On Screen Display) position adjustable Maximum 5 simultaneous unicast connections, 50 multicast clients 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 schedule repetition- Imaging JPEG snapshots for pre/trigger/post alarm images/Post-alarm images Custom alarms HTTP event server for setting custom 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 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 810 g (1.79 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 (including packaging) -40 to 85°C (-40 to 185°F)- Relative humidity 5 to 95% (non-condensing)- Ingress protection 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 PFMF- 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 (fulfills part of EN 50155 specifications) MTBF- Time 1.598,728 hrs- Standards Telcordia SR332 Package contents- Device 1 x VPort P16-1MP-M12 Series camera- Installation kit 1 x sticker 1 x L-type Torx screwdriver 4 x hexagon head screws, nuts, seals and spring washers- Documentation 1 x documentation 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

