

Item no.: 385925

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

from **1.275,08 EUR**

Item no.: 385925
shipping weight: 0.90 kg
Manufacturer: MOXA



Product Description

The robust VPort P16-1MP-M12-IR cameras produce HD video images (720P, 1280 x 720) and feature 3 H.264/MJPEG video streams, giving them the versatility and robustness required for mobile IP video surveillance applications in a variety of different installations and environments. In addition, the cameras 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 input, an integrated microphone, digital input, IP66 rain and dust protection, an IR illuminator for day and night images and comply 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 - **Input current:** 8 mA
Input current: 8 mA - **Connector** 5-pin A-coded M12 plug 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 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** 0.19 A @ 48 VDC
Camera features- Sensor 1/2.7-in HD progressive scan CMOS- **Lens** VPort P16-1MP-M12-IR-CAM80 series: f=8.0mm, 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.)- **S/N ratio** max. 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) 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 automatic video frame rate change CBR Pro™ for good image quality in limited bandwidth transmissions
3 data protection areas Adjustable image size and quality Timestamp 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 Tamper Detection- **Video Motion Detection** 3 independently configurable areas- **Scheduling** Daily schedule recurrence- **Imaging** JPEG snapshots for pre/trigger/post-alarm images- **Custom Alarms** HTTP Custom alarms HTTP event server for setting custom alarm actions- **Email/FTP** messaging Automatic transfer of saved 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** 870 g (1.92 lb)- **Installation** Panel mounting- **Protection** - CT models: PCB conformal coating
Environmental Limits- **Operating Temperature** Wide Temp. Models: -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)- **Water 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** 1.052,184 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 serrated 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

