

Item no.: 385743

VPOR T P16-2MR42M - EN50155, day/night, IR, 1080P IP camera, 4.2 mm lens, PoE, M12 connector, -25 t

from **938,41 EUR**

Item no.: 385743
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, so they work reliably and deliver excellent image quality suitable for a range of applications. EN50155, day & night, IR, 1080P IP camera, 4.2 mm lens, PoE, M12 connector, -25 to 55°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. Maximum 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 functions: Protocols: TCP/IP, IPv4/IPV6, 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. Input power source: PoE (IEEE 802.3af). Input current: 0.26 A @ 48 VDC. Camera features: 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 when 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 aperture: 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 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): 100 dB. AGC (automatic gain control): 2X, 4X, 8X, 16X. Flicker-free control: automatic, 50 Hz, 60 Hz modes. Image rotation: flip, mirror, 90°, 180°, 270° rotation. Image adjustment: manual adjustment 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). Video viewing: DynaStream™ support for automatic change of video frame rate. CBR Pro™ for good image quality for transmissions with limited bandwidth. 3 areas for data protection masks. 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), AAC. Audio inputs: 1 x built-in microphone. Camera software development: Video standards: ONVIF Profile S. Camera alarm software functions: Intelligent video: Detection of camera tampering. Video motion detection: 3 independently configurable areas. Shock detection: Built-in G-sensor. Scheduling: Schedule for daily repetitions. Imaging: JPEG snapshots for pre/trigger/post-alarm images. Custom alarms: HTTP event server for setting custom alarm actions. Email/FTP messaging: Automatic transmission of saved images via email or FTP as event-triggered actions. Pre-alarm buffer: 50 MB video buffer for JPEG snapshots. Video recording: Event recordings are saved on the SD card. Software requirements: Memory size: 2 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. IK8 vandal-proof. Dimensions: 125 x 125 x 120.7 mm (4.92 x 4.92 x 4.8 inches). Weight: 890 g (1.96 lb). Installation: panel mounting. Environmental conditions: Operating temperature: -25 to 55°C (-13 to 131°F). Storage temperature (including packaging): -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. Vandalism 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 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 EN 50155 specifications). MTBF: Time: 997,474 hours. Standards: Telcordia SR332.

Specifications

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prices and availability

