Item no.: 385745

EN50155, day night, IR, 1080P IP Camera, 4.2 mm lens, PoE, M12 connector, -40 t

from **1.273,41 EUR**

Item no.: 385745
shipping weight: 0.90 kg
Manufacturer: MOXA

📄 Product Description

The robust VPort P16-2MR cameras produce Full HD video images (1920 x 1080) and feature 4 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 are vandal-resistant (EN 62262 IK8), have an operating temperature of -25 to 55°C or -40 to 70°C (T models), a robust M12 Ethernet connection, a PoE power input, an integrated microphone, a digital input, IP66 rain and dust protection, an IR illuminator for day and night images and fulfil the mandatory sections of EN 50155.Features and benefits- 1/3" progressive scan camera with a maximum resolution of 1920 x 1080 at up to 30 fps - Built-in IR illuminator and ICR (Infrared Cut Filter Removal) for day and night images - High-quality video images with DNR and WDR - Up to 4 H.264 or MJPEG independent simultaneous video streams - DynaStream™ for optimised network efficiency - CBR Pro™ for high image quality for transmissions with limited bandwidth - Supports SDXC (up to 2 TB SD card) for local storage - 1 built-in microphone for audio input and 1 digital input for external sensor - ONVIF support for standardisation and interoperability Storage- microSD slot: SDXC - Digital input channels: 1 - Digital inputs: +13 to +30 V for state 1-30 to +1 V for state 0Max. Input current: 8 mA - Connection: 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 - 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 - 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 - Sensor: 1/3-in 1080P progressive scan CMOS - Lens: VPort P16-2MR42M series: f=4.2mm, 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 manual (night mode) or via 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 automatically changing the video frame rateCBR Pro™ for good image quality for transmissions with limited bandwidth3 areas for data protection masksAdjustable image size and qualityqualityTime stamp and text overlayOSD (On Screen Display) position adjustableMaximum 5 simultaneous unicast connections, 50 multicast clients Audio interface- Audio format: Mono, PCM (G.711); AAC - Audio inputs: 1 x built-in microphone - Video standards: ONVIF Profile S - Intelligent video: Camera tampering detection - Video motion detection: 3 independently configurable areas - Shock detection: built-in G-sensor - Scheduling: schedule for daily replays - Imaging: JPEG snapshots for pre/trigger/post-alarm images - Custom alarms: HTTP event server for setting custom alarm actions - Email/FTP messages: 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 protectionMetal housing, PC dome coverIK8 vandalism protection - 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 mount - Protection: -CT models: PCB conformal coating Environmental limits- Operating temperature Standard models: -25 to 55°C (-13 to 131°F)Wide Temp. Models: -40 to 70°C (-40 to 158°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 kVIEC 61000-4-3 RS: 80 MHz to 1 GHz: 20 V/mIEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kVIEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kVIEC 61000-4-6 CS: 10 VIEC 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 (fulfils part of EN 50155 specifications) MTBF- Time: 997.474 hours - Standards: Telcordia SR332

📄 Specifications