

Item no.: 385744

## EN50155, day night, IR, 1080P IP Camera, 4.2 mm lens, PoE, M12 connector, -25 t

from **1.152,93 EUR**

Item no.: 385744  
shipping weight: 0.90 kg  
Manufacturer: MOXA



### Product Description

The rugged VPort P16-2MR cameras produce Full HD (1920 x 1080) video images and feature 4 H.264/MJPEG video streams, giving them the versatility and ruggedness needed for mobile IP video surveillance applications in a variety of different installations and environments. In addition, the cameras feature vandal-proofing (EN 62262 IK8), a -25 to 55°C or -40 to 70°C (T models) operating temperature, a rugged M12 Ethernet port, PoE power input, a built-in microphone, an IR illuminator, an IR illuminator for day and night image capabilities, and are compliant with the mandatory sections of EN 50155. Features and Benefits - 1/3" progressive scan camera with maximum 1920 x 1080 resolution at up to 30 fps - Built-in IR illuminator and ICR (Infrared Cut Filter Removal) for day & night images - High quality video imaging with DNR and WDR - Up to 4 H.264 or MJPEG independent simultaneous video streams - DynaStream™ for optimized network efficiency - CBR Pro™ for high image quality in limited bandwidth transmissions - 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 standardization and interoperability Memory- 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 - 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 - 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: 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 - 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 Color: 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 - Synchronization: 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) - 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 - Video Standards: ONVIF Profile S - 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 customized 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 - 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 (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

