

Item no.: 385741

## VPOR P16-2MR36M-CT-T - EN50155, day/night, IR, 1080P IP camera, 3.6 mm lens, PoE

from **1.233,33 EUR**

Item no.: 385741  
 shipping weight: 0.90 kg  
 Manufacturer: MOXA



### Product Description

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 shots-High-quality video images with DNR and WDR-Up to 4 independent 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 interoperabilityIntroductionThe robust 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 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 IK8), 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 fulfil the mandatory sections of EN 50155. SpecificationsMemorymicroSD slot: SDXCInput/output interfaceDigital input channels: 1Digital inputs +13 to +30 V for state 1-30 to +1 V for state 0Maximum input current: 8 mAConnector: 5-pin A-coded M12 connector with 20 cm cableEthernet interfacePoE ports (10/100BaseT(X), M12 D-coded 4-pin female connector): 1Standards: IEEE 802.3af for PoEEthernet software functionsProtocols: 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, HTTPSSecurity functionsPassword: Password protection at user levelFilter: IP addressEncryption: HTTPSPerformance parametersNumber of power inputs: 1Input power source: PoE (IEEE 802.3af)Input current: 0.26 A @ 48 VDCCamera characteristicsSensor: 1/3-in 1080P progressive scan CMOSLensVPort P16-2MR36M series: f=3.6mm, F1.6, Diagonal 99°, Horizontal 70°, Vertical 39°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 onCamera angle Pan 350°, tilt 65° (manually controlled)Day & night Auto/colour/BW; ICR controlSynchronisation Internal white balance ATW/AWBElectronic 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 controlIR illumination IR LED illuminator, 5 metres (max.) effective distance; On/off control manually (night mode) or via the light sensorDNR (digital noise reduction) Built-in 2D/3D DNRWDR (Wide Dynamic Range) 100 dBAGC (automatic gain control) 2X, 4X, 8X, 16XFlickerless Control Automatic, 50 Hz, 60 Hz modesImage rotationFlip, Mirror, 90°, 180°, 270° rotationImage adjustmentManual adjustment with saturation, sharpness and contrastVideo InterfaceVideo Compression: H.264 (ISO/IEC 14496-10) or MJPEGVideo output: via EthernetVideo streams: 4 independent H.264 or MJPEG video streamsVideo resolution and FPS (frames per second) Video display 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 qualityTimestamp and text overlayOSD (On Screen Display) position adjustableMaximum 5 simultaneous unicast connections, 50 multicast clientsAudio interfaceAudio format: Mono, PCM (G.711), AACAudio inputs: 1 x built-in microphoneDevelopment of the camera softwareVideo standards: ONVIF Profile SFunctions of the camera alarm softwareIntelligent video: Detection of camera tamperingVideo motion detection: 3 independently configurable areasShock detection: Built-in G-sensorScheduling: Schedule for daily repetitionsImaging: JPEG snapshots for pre/trigger/post-alarm imagesCustom alarms: HTTP event server for setting custom alarm actionsEmail/FTP messaging: Automatic transmission of saved images via email or FTP as event-triggered actionsPre-alarm buffer: 50 MB video buffer for JPEG snapshotsVideo recording: Event recordings are saved on the SD cardSoftware requirementsMemory size: 2 GBOperating system: Windows 7 or higherBrowser: Internet Explorer 9.x or higherMultimedia: DirectX 9.0C or higherPhysical propertiesHousing: IP66 rain and dust protection, metal housing, PC dome cover, IK8 vandal-proofDimensions: 125 x 125 x 120.7 mm (4.92 x 4.92 x 4.8 inches)Weight: 890 g (1.96 lb)Installation: panel mountProtection: -CT models: PCB conformal coatingEnvironmental limitsOperating 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, IP66Salt spray test: ASTM-B117Vandalism resistance: EN 62262, IK8Altitude: 2000 mStandards and certificationsEMI: CISPR 32, FCC Part 15B Class AEMS: 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 PFMFFree fall: IEC 60068-2-31Railway fire protection: EN 45545-2Safety:UL 60950-1Shock: IEC 60068-2-27, IEC 61373, EN 50155Vibration: IEC 60068-2-64, IEC 61373, EN 50155Railway: EN 50155 (fulfils part of EN 50155 specifications)MTBFTime: 997.474 hoursStandards: Telcordia SR332

### Specifications

**Scan this QR code to  
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All details, up-to-date  
prices and availability

