

Item no.: 385889

## VPOR 461A - Full motion, 1-channel industrial video encoder, 2 10/100BaseT(X) Ethernet connections

from **650,95 EUR**

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shipping weight: 0.80 kg  
Manufacturer: MOXA



### Product Description

Moxa's industrial video servers are designed to operate reliably in harsh environments, making them ideal for use as the centrepiece of a remote surveillance solution. Our video servers are able to utilise efficient MPEG-4 video compression and enable easy integration of CCTV cameras into your IP surveillance solution. Full motion, 1-channel industrial video encoder, 2 10/100BaseT(X) Ethernet ports, -25 to 60°C operating temperature. Memory - SD slot: SDXC. Input/output interface - Digital input channels: 2- Digital inputs: +13 to +30 V for state 1-30 to +1 V for state 0- Max. Input current: 8 mA- Relay channels: 2- Current carrying capacity of the contacts: Resistive load: 1 A @ 24 VDC- Connection: Terminal block. Ethernet interface - 10/100BaseT(X) ports (RJ45 connection): 2. Ethernet Software Features - Protocols: TCP/IP, IPv4, IPv6, UDP, HTTP, RTP, RTSP, ARP, UPnP, FTP, TFTP, NTP, Client DNS, QoS, IGMP, v3, ICMP, SNMPv1/v2c/v3, Modbus, TCP, HTTP, PS802.1X, NTP, CIP. Security functions - Password: Password protection at user level- Filter: IP address- Authentication: 802.1X- Encryption: HTTPS, SSH. LED interface - LED indicators: - STAT: Indicates whether the system has booted up properly or not- Power 1: Power 1 on/off- Power 2: Power 2 on/off- FAULT: Can be configured to correspond to a system alarm, power failure or interrupted network connection- Video: Video input signal- PTZ: Indicates whether PTZ or COM port data has been transmitted- SD: Indicates whether the SD card has been successfully inserted- Network: 10 Mbps or 100 Mbps. Serial port- PTZ port: 1, RS-232 or RS-422/485 port, terminal block connector, 115.2 kbit/s- COM port: 1, RS-232 or RS-485 port, DB9 connector, 115.2 kbit/s- Console port: 1 RS-232 port, 10-pin RJ45 (115200, n, 8, 1). Power parameters- Number of power inputs: 2- Input voltage: Redundant dual inputs- Operating voltage: 12 to 32 VDC, 18 to 30 VAC- Input current: 0.64 A @ 12 VDC, 0.18 A @ 32 VDC. 0.59 A @ 18 VAC. 0.35 A @ 30 VAC- Power connection: 2-pin terminal block. Video interface - Video compression: H.264 (ISO/IEC 14496-10) or MJPEG- Video input: 1, BNC connection (1.0 Vpp, 75 Ohm)- Video output: via Ethernet- Video streams: 4 independent H.264 or MJPEG video streams or MJPEG video streams- NTSC/PAL: automatic or manual detection- Video resolution and FPS (frames per second). Video display - DynaStream™ support for automatic change of video frame rate- CBR Pro™ for good picture quality for transmissions with limited bandwidth- Adjustable picture size and quality- Time stamp and text overlay- OSD (On Screen Display) position adjustable- Picture optimisation: Control of brightness, contrast, saturation- Maximum 10 simultaneous unicast connections, 50 multicast clients. Audio interface - Audio inputs: 1 line-in or MIC-in with 3.5 mm jack plug- Audio outputs: 1 line-out, with 3.5 mm jack plug- Audio format: mono, PCM (G.711). Development of the camera software- Video standards: ONVIF profile S. Camera PAN/TILT/ZOOM- PTZ camera control: Via PTZ port or COM port- PTZ control functions: Pan, tilt, zoom, focus, movement speed, preset position (max. 128 positions)- PTZ function updates: Driver upload supported- Protocols: Pelco D, Pelco P, Custom camera. Camera alarm software functions- Intelligent video: Detection of camera tampering- Video motion detection: 3 independently configurable areas- Scheduling: schedule for daily repetitions- Imaging: JPEG snapshots for pre/trigger/post-alarm images- Custom alarms: HTTP event server for setting custom alarm actions- FTP messaging: Automatic transmission of saved images via 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: 1 GB- Operating system: Windows 7 or higher- Browser: Internet Explorer 9.x or higher- Multimedia: DirectX 9.0C or higher. Physical characteristics- Housing: metal- Dimensions: 46 x 134 x 105 mm (1.81 x 5.31 x 4.13 in)- Weight: 710 g (1.57 lb)- Installation: DIN rail mounting- Wall mounting (with optional kit). Environmental conditions- Operating temperature: -25 to 60°C (-13 to 140°F)- Storage temperature (including packaging): -40 to 85°C (-40 to 185°F)- Ambient relative humidity: 5 to 95% (non-condensing)- 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 VIEC 61000-4-8 PFMF- Free fall: IEC 60068-2-31- Safety: UL 60950-1- Shock: IEC 60068-2-27- Vibration: IEC 60068-2-6. MTBF-Time 862.568 hours- Standards Telcordia SR332

### Specifications

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All details, up-to-date  
prices and availability

