

MD7560

Fixed Dome Network Camera

2-Megapixel • Vandal-proof • Mobile Surveillance



VIVOTEK MD7560 is a compact, 2-megapixel network camera geared toward transportation applications such as buses, trains, and other vehicles. With full EN50155 compliance & IP67-rated design, the camera can withstand shock, vibration, humidity, dust, and temperature fluctuations, maintaining stable and reliable video during vehicle movement. Furthermore, the vandal-proof metal housing effectively provides robust protection from vandalism. As such, the combination of high resolution imaging and protective housing endows the MD7560 with the rugged reliability required to maximize passenger safety and optimize mobile surveillance.

By utilizing high definition 1600x1200 resolution, the MD7560 can deliver extremely clear and detailed images, achieving accurate identification of people or objects with ease. Video footage of in-vehicle passenger activities or vehicle accidents captured with this camera can thus be used for post-event forensic evidence.

With the tamper detection feature, the MD7560 becomes a truly robust and intelligent camera that keeps security staff notified once it suffers video loss from being blocked or spray-painted. PoE (Power-over-Ethernet) also allows the camera to be operated and powered with a single Ethernet cable, giving greater ease of installation. In order to facilitate on-board storage and data portability, the camera is also complete with a MicroSDHC card slot for local recording.

The MD7560 also offers a broad spectrum of advanced features, including QoS for optimized bandwidth efficiency, IPv6 for next generation networks, temperature alarm trigger, HTTPS encrypted data transmission, 802.1X authentication for secure network protection, and 32-CH ST7501 recording software.

Features

- > 2-megapixel CMOS Sensor
- > EN50155 Compliance for Professional Mobile Surveillance
- > Wide Angle Fixed Lens
- > Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- > Multiple Simultaneous Streams
- > Video Cropping for Bandwidth Savings
- > ePTZ for Data Efficiency
- > Temperature Alarm Trigger
- > Tamper Detection for Unauthorized Changes
- > IP67-rated, Tamper- and Vandal-proof Housing
- > Built-in 802.3af Compliant PoE (MD7560)
- > Built-in MicroSD/SDHC Card Slot for On-board Storage

System	<ul style="list-style-type: none"> CPU: Mozart 120 SoC Flash: 16MB RAM: 128MB + 128MB Embedded OS: Linux 2.6 	Security	<ul style="list-style-type: none"> Multi-level user access with password protection IP address filtering HTTPS encrypted data transmission 802.1X port-based authentication for network protection
Lens	<ul style="list-style-type: none"> Board lens, f = 2.8 mm, F2.0, Fixed 	Users	<ul style="list-style-type: none"> Live viewing for up to 10 clients
Angle of View	<ul style="list-style-type: none"> 98° (horizontal) 73° (vertical) 122° (diagonal) 	Dimension	<ul style="list-style-type: none"> 130 mm (D) x 107 mm (W) x 47 mm (H)
Shutter Time	<ul style="list-style-type: none"> 1/5 sec. to 1/40,000 sec. 	Weight	<ul style="list-style-type: none"> Net: 450 g
Image Sensor	<ul style="list-style-type: none"> 1/3.2" CMOS sensor in 1600x1200 resolution 	LED Indicator	<ul style="list-style-type: none"> System restore status indicator
Minimum Illumination	<ul style="list-style-type: none"> 0.6 Lux / F2.0 	Power	<ul style="list-style-type: none"> Power consumption: <ul style="list-style-type: none"> Max. 4.3 W Max. 7.5 W (with heater) 802.3af compliant Power-over-Ethernet (MD7560) DC 12~36V Input (MD7560D)
Video	<ul style="list-style-type: none"> Compression: MJPEG & MPEG-4 Streaming: <ul style="list-style-type: none"> Multiple simultaneous streams MPEG-4 streaming over UDP, TCP, HTTP or HTTPS MPEG-4 multicast streaming MJPEG streaming over HTTP or HTTPS Supports activity adaptive streaming for dynamic frame rate control Supports video cropping for bandwidth saving Supports ePTZ for data efficiency Supports 3GPP mobile surveillance Frame rates: <ul style="list-style-type: none"> MPEG-4: <ul style="list-style-type: none"> Up to 30 fps at 800x600 Up to 20 fps at 1280x720 Up to 10 fps at 1600x1200 MJPEG: <ul style="list-style-type: none"> Up to 30 fps at 1280x720 UP to 15 fps at 1600x1200 	Housing	<ul style="list-style-type: none"> Vandal-proof metal housing Weather-proof IP67-rated housing
Image Settings	<ul style="list-style-type: none"> Adjustable image size, quality and bit rate Time stamp and text caption overlay Flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance and exposure AGC, AWB, AES BLC (Backlight Compensation) Supports privacy masks 	Approvals	<ul style="list-style-type: none"> CE, LVD, FCC, VCCI, C-Tick EN50155
Audio	<ul style="list-style-type: none"> Compression: <ul style="list-style-type: none"> GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps Interface: External microphone input Supports audio input via SIP protocol Supports audio mute 	Operating Environments	<ul style="list-style-type: none"> Temperature: -25 ~ 50 ° C (-13 ~ 122 ° F) Humidity: 90% RH
Networking	<ul style="list-style-type: none"> 10/100 Mbps Ethernet Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP and 802.1X 	Viewing System Requirements	<ul style="list-style-type: none"> OS: Microsoft Windows 7/Vista/XP/2000 Browser: Mozilla Firefox, Internet Explorer 6.x or above Cell phone: 3GPP player Real Player: 10.5 or above Quick Time: 6.5 or above
Alarm and Event Management	<ul style="list-style-type: none"> Triple-window video motion detection Tamper detection Temperature alarm trigger One D/I for external sensor Event notification using HTTP, SMTP or FTP Local recording of MP4 file 	Installation, Management, and Maintenance	<ul style="list-style-type: none"> Camera angle adjustment: Tilt 90° (0° ~ 90°) Rugged M12 connector Installation Wizard 2 32-CH ST7501 recording software Supports firmware upgrade
On-Board Storage	<ul style="list-style-type: none"> MicroSD/SDHC card slot Stores snapshots and video clips 	Applications	<ul style="list-style-type: none"> SDK available for application development and system integration
		Warranty	<ul style="list-style-type: none"> 24 months

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