



MD7530/7530D

Fixed Dome Network Camera

Vandal-proof • Mobile Surveillance

VIVOTEK MD7530 is a compact, VGA 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 MD7530 with the rugged reliability required to maximize passenger safety and optimize mobile surveillance.

The MD7530 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 MD7530 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 MD7530 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

- > EN50155 Compliance for Professional Mobile Surveillance
- > Wide Angle Fixed Lens
- > Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- > Dual Simultaneous Streams
- > Temperature Alarm Trigger
- > Tamper Detection for Unauthorized Changes
- > IP67-rated, Tamper- and Vandal-proof Housing
- > Built-in 802.3af Compliant PoE (MD7530)
- > Built-in MicroSD/SDHC Card Slot for On-board Storage

Models	<ul style="list-style-type: none"> · MD7530 (PoE) · MD7530D (DC power) 	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
System	<ul style="list-style-type: none"> · CPU: Mozart 120 SoC · Flash: 16MB · RAM: 128MB + 128MB · Embedded OS: Linux 2.6 	Users	<ul style="list-style-type: none"> · Live viewing for up to 10 clients
Lens	<ul style="list-style-type: none"> · Board lens, f = 2.8 mm, F2.0, Fixed 	Dimension	<ul style="list-style-type: none"> · 130 mm (D) x 107 mm (W) x 47 mm (H)
Angle of View	<ul style="list-style-type: none"> · 74° (horizontal) · 55° (vertical) · 92° (diagonal) 	Weight	<ul style="list-style-type: none"> · Net: 450 g
Shutter Time	<ul style="list-style-type: none"> · 1/5 sec. to 1/15,000 sec. 	LED Indicator	<ul style="list-style-type: none"> · System restore status indicator
Image Sensor	<ul style="list-style-type: none"> · 1/4" CMOS sensor in VGA resolution 	Power	<ul style="list-style-type: none"> · Power consumption: <ul style="list-style-type: none"> Max. 4 W Max. 7.2 W (with heater) · 802.3af compliant Power-over-Ethernet (MD7530) · DC 12~36V Input (MD7530D)
Minimum Illumination	<ul style="list-style-type: none"> · 0.5 Lux / F2.0 	Housing	<ul style="list-style-type: none"> · Vandal-proof metal housing · Weather-proof IP67-rated housing
Video	<ul style="list-style-type: none"> · Compression: MJPEG & MPEG-4 · Streaming: <ul style="list-style-type: none"> Simultaneous dual 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 3GPP mobile surveillance · Frame rates: <ul style="list-style-type: none"> MPEG-4: Up to 30/25 fps at 640x480 MJPEG: Up to 30/25 fps at 640x480 	Approvals	<ul style="list-style-type: none"> · CE, LVD, FCC, VCCI, C-Tick · EN50155
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 	Operating Environments	<ul style="list-style-type: none"> · Temperature: -25 ~ 55 ° C (-13 ~ 131 ° F) · Humidity: 90% RH
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 two-way audio · Supports audio mute 	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
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 	Installation, Management, and Maintenance	<ul style="list-style-type: none"> · Camera angle adjustment: Tilt 90° (0° ~ 90°) · Installation Wizard 2 · 32-CH ST7501 recording software · Supports firmware upgrade
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 	Applications	<ul style="list-style-type: none"> · SDK available for application development and system integration
On-Board Storage	<ul style="list-style-type: none"> · MicroSD/SDHC card slot · Stores snapshots and video clips 	Warranty	<ul style="list-style-type: none"> · 24 months

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