

FD7130

Mobile Surveillance
Fixed Dome Network Camera

Vandal-proof • Tamper Detection • PoE



VIVOTEK FD7130 is a flat, compact, dome style network camera designed for tough vehicular conditions, especially in public transportation applications such as buses, trains, etc. Its IP66-rated, vandal-proof metal housing effectively provides robust protection from being damaged by water and dust as well as vandalism. In compliance with EN50155, the standard for electronic equipment operating in railway vehicles, the FD7130 is an economical mobile surveillance solution packed with high reliability and rugged performance.

With the support of tamper detection, the FD7130 is a robust and intelligent camera, keeping security staff notified at all times once it suffers video loss from being blocked or spray-painted. The FD7130 utilizes PoE (Power-over-Ethernet), allowing it to be operated and powered from a single Ethernet cable, giving greater ease of installation and cost savings. In order to facilitate on-board storage and data portability, the FD7130 is also complete with a MicroSD/SDHC card slot for local recording.

The FD7130 also offers a broad spectrum of advanced features, including simultaneous dual streams, QoS for optimized bandwidth efficiency, IPv6 for next generation networks, temperature alarm trigger, HTTPS encrypted data transmission, and 802.1X authentication for secure network protection.

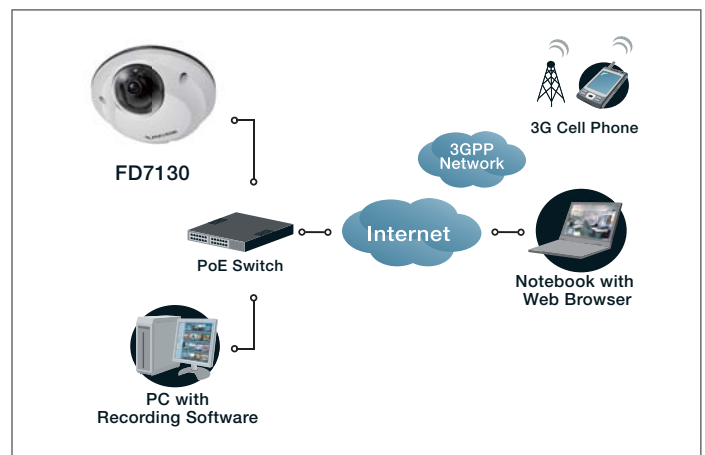
Features

- > 1/4" CMOS Sensor in VGA Resolution
- > Wide Angle Fixed Lens
- > Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- > Dual Streams Simultaneously
- > Tamper Detection for Unauthorized Changes
- > Temperature Alarm Trigger
- > IP66-rated, Tamper- and Vandal-proof Housing
- > Built-in 802.3af Compliant PoE
- > HTTPS Encrypted Data Transmission
- > 802.1X Port-based Authentication for Network Protection
- > MicroSD/SDHC Card Slot for On-board Storage
- > Includes Free Standard 32-CH ST7501 Central Management Software

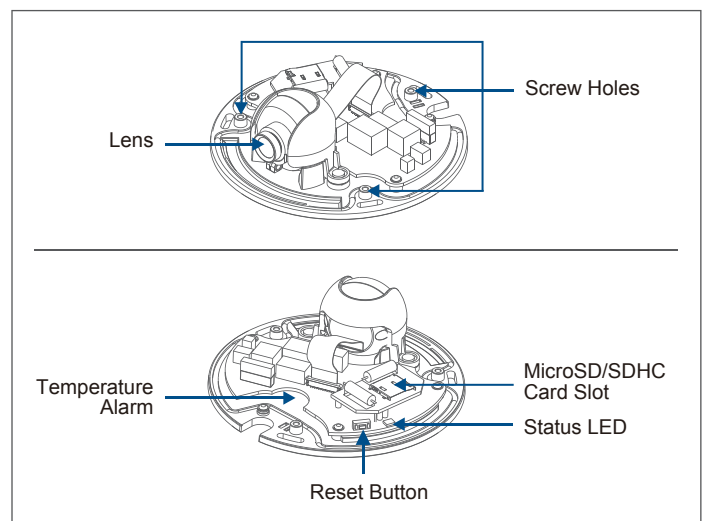
System	<ul style="list-style-type: none"> CPU: Mozart 120 SoC Flash: 16MB RAM: 128MB + 128MB Embedded OS: Linux 2.6
Lens	<ul style="list-style-type: none"> Board lens, f = 2.8 mm, F2.0, Fixed
Angle of View	<ul style="list-style-type: none"> 74° (horizontal) 55° (vertical) 92° (diagonal)
Shutter Time	<ul style="list-style-type: none"> 1/5 sec. to 1/15,000 sec.
Image Sensor	<ul style="list-style-type: none"> 1/4" CMOS sensor in VGA resolution
Minimum Illumination	<ul style="list-style-type: none"> 0.5 Lux / F2.0
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
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
Networking	<ul style="list-style-type: none"> 10/100 Mbps Ethernet, RJ-45 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
Alarm and Event Management	<ul style="list-style-type: none"> Triple-window video motion detection Tamper detection Temperature alarm trigger Event notification using HTTP, SMTP or FTP Local recording of MP4 file
On-Board Storage	<ul style="list-style-type: none"> MicroSD/SDHC card slot Stores snapshots and video clips
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
Users	<ul style="list-style-type: none"> Live viewing for up to 10 clients
Dimension	<ul style="list-style-type: none"> Ø 115 mm x 46 mm
Weight	<ul style="list-style-type: none"> Net: 359 g
LED Indicator	<ul style="list-style-type: none"> System restore status indicator
Power	<ul style="list-style-type: none"> Power consumption: Max. 4 W Max. 7.2 W (with heater) 802.3af compliant Power-over-Ethernet
Housing	<ul style="list-style-type: none"> Metal housing for vandal-proof Weather-proof IP66-rated Housing

Approvals	<ul style="list-style-type: none"> CE, LVD, FCC, VCCI, C-Tick EN50155
Operating Environments	<ul style="list-style-type: none"> Temperature: -25 ~ 50 °C (-13 ~ 122 °F) Humidity: 90% RH
Viewing System Requirements	<ul style="list-style-type: none"> OS: Microsoft Windows 2000/XP/Vista 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
Installation, Management, and Maintenance	<ul style="list-style-type: none"> Camera angle adjustment: pan $\pm 10^\circ$ and tilt 90° ($0^\circ \sim 90^\circ$) Rugged M12 or RJ45 connector Installation Wizard 2 32-CH ST7501 central management software Supports firmware upgrade
Applications	<ul style="list-style-type: none"> SDK available for application development and system integration
Warranty	<ul style="list-style-type: none"> 24 months

System Overview



Internal View



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