

FD7130

Mobile Surveillance
Fixed Dome Network Camera

Indoor • Vandal-proof • Tamper Detection



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

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

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 network protection.

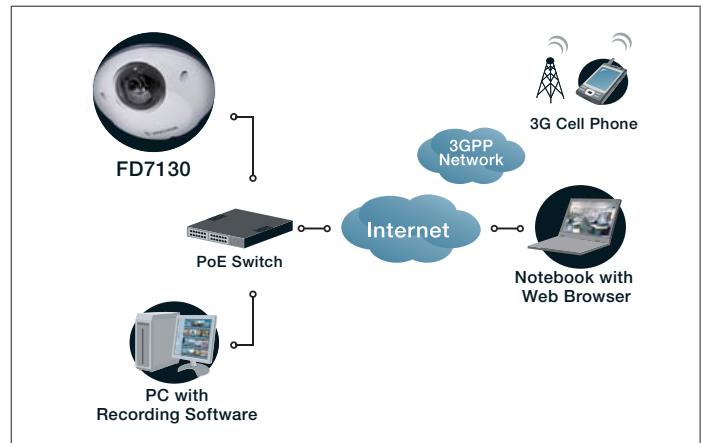
Features

- > 1/4" CMOS Sensor in VGA Resolution
- > Wide Angle Fixed Lens
- > Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- > Dual Streams Simultaneously
- > Detects Tampering from Blockage or Spray-painting
- > 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

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"> · Wide angle board lens
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"> · 0.6 Lux
Video	<ul style="list-style-type: none"> · Compression: MJPEG & MPEG-4 · Streaming: <ul style="list-style-type: none"> · Simultaneous dual-streaming · MPEG-4 streaming over UDP, TCP, HTTP or HTTPS · MPEG-4 multicast streaming · MJPEG streaming over HTTP or HTTPS · 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, saturation, contrast, sharpness, and white balance · AGC, AES · BLC (Backlight Compensation) · Supports privacy masks
Networking	<ul style="list-style-type: none"> · 10/100 Mbps Ethernet, RJ-45 · Protocols: IPv4, IPv6, CP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, QoS, CoS, SNMP, and 802.1X
Alarm and Event Management	<ul style="list-style-type: none"> · Triple-window video for 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
Users	<ul style="list-style-type: none"> · Live viewing for up to 10 clients
LED Indicator	<ul style="list-style-type: none"> · System restore status indicator
Power	<ul style="list-style-type: none"> · 802.3af compliant Power-over-Ethernet
Approvals	<ul style="list-style-type: none"> · CE, FCC, VCCI, C-Tick, LVD · EN50155

Operating Environments	<ul style="list-style-type: none"> · Temperature: -20 ~50 °C · Humidity: 90% RH
Viewing System Requirements	<ul style="list-style-type: none"> · OS: Microsoft Windows 2000/XP/Vista · Browser: Internet Explorer 6.x or above · 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 · ST7501 central management software · Supports firmware upgrade
Applications	<ul style="list-style-type: none"> · SDK available for application development and system integration

System Overview



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