



FD7132

Fixed Dome Network Camera

Day & Night · Indoor · 3-axis · PoE · PIR

VIVOTEK FD7132, aimed at providing 24-hour surveillance for indoor applications, features true day and night functionality with a removable IR-cut filter and IR illuminators. Boasting a 3-axis mechanism, the FD7132 can be flexibly installed in places such as banks, office buildings, and commercial complexes.

In daylight, the IR-cut filter is activated to minimize the influence of infrared light on image color. Under low-light conditions, the IR-cut filter is removed automatically and the built-in IR illuminators are enabled to offer infrared light for up to 15 meters (50ft). As such, the FD7132 can provide high sensitivity and delivery of high image quality in both day and night conditions.

In addition, the FD7132 can be easily installed on a ceiling or wall because of its sophisticated 3-axis hinge mechanism. In order to prevent occurrences of false alarms, a PIR (Passive Infrared) sensor is built in to detect moving objects by their thermal characteristics.

The FD7132 also provides many other advanced functions, including simultaneous dual streams, 3GPP mobile surveillance, 802.3af compliant PoE, two-way audio by SIP protocol, and HTTPS encryption. With the full-featured FD7132, you can easily build a cost-effective IP surveillance system for indoor applications such as offices, banks, and retail stores.

Features

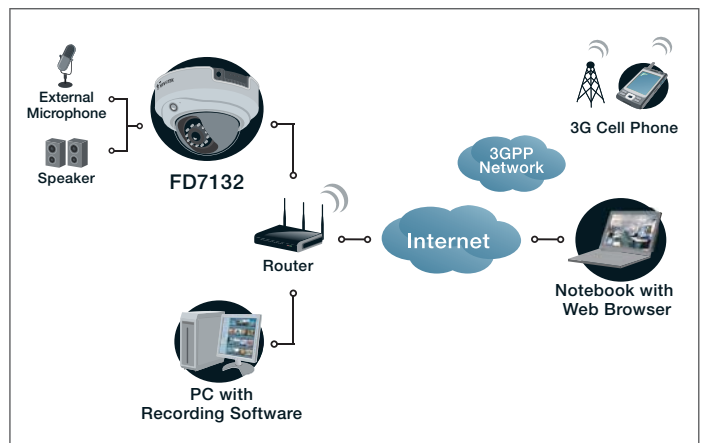
- > 3.3 ~ 12 mm Vari-focal Lens with Auto-iris
- > Removable IR-cut Filter for Day & Night Function
- > Built-in IR Illuminators, effective up to 15 Meters
- > Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- > Dual Streams Simultaneously
- > 3-axis Mechanical Design for Ceiling/Wall Mount Installation
- > Built-in PIR Sensor for Human Detection
- > 3GPP Mobile Surveillance
- > Built-in 802.3af Compliant PoE
- > Two-way Audio via SIP Protocol
- > Digital I/O for External Sensor and Alarm
- > HTTPS Encrypted Data Transmission

Specifications

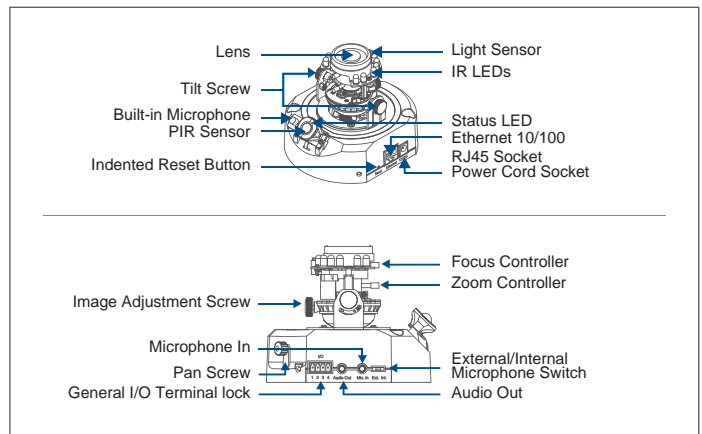
System	<ul style="list-style-type: none"> CPU: VVTK-1000 SoC Flash: 8MB RAM: 64MB Embedded OS: Linux 2.4
Lens	<ul style="list-style-type: none"> Board lens, vari-focal, f = 3.3 ~ 12 mm, F1.4 (wide), F2.9 (tele), auto-iris, focus range: 50 cm to infinity Removable IR-cut filter for day & night function
Angle of View	<ul style="list-style-type: none"> 17.9° ~ 63.6° (horizontal) 13.5° ~ 46.5° (vertical)
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"> 0.56 Lux / F1.4 0 Lux / F1.4 (IR LED on)
IR Illuminators	<ul style="list-style-type: none"> Built-in IR illuminators, effective up to 15 meters
Video	<ul style="list-style-type: none"> Compression: MJPEG & MPEG-4 Streaming: Simultaneous dual streams 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: 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 and white balance AGC, AWB, AES Automatic, manual or scheduled day/night mode Supports privacy masks
Audio	<ul style="list-style-type: none"> Compression: 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: Built-in microphone External microphone input Audio output External/Internal microphone switch Supports two-way audio via SIP protocol Supports audio mute
Networking	<ul style="list-style-type: none"> 10/100 Mbps Ethernet, RJ-45 Protocols: IPv4, TCP/IP, HTTP, HTTPS, UPnP, RTSP/ RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS and PPPoE
Alarm and Event Management	<ul style="list-style-type: none"> Triple-window video motion detection One D/I and one D/O for external sensor and alarm PIR (Passive Infrared Sensor) for human detection Event notification using HTTP, SMTP or FTP Local recording of MP4 file
Security	<ul style="list-style-type: none"> Multi-level user access with password protection IP address filtering HTTPS encrypted data transmission
Users	<ul style="list-style-type: none"> Live viewing for up to 10 clients
Dimension	<ul style="list-style-type: none"> Ø 143 mm x 106 mm
Weight	<ul style="list-style-type: none"> Net: 619 g
LED Indicator	<ul style="list-style-type: none"> System power and status indicator System activity and network link indicator
Power	<ul style="list-style-type: none"> 12V DC Power consumption: Max. 11 W 802.3af compliant Power-over-Ethernet
Approvals	<ul style="list-style-type: none"> CE, LVD, FCC, VCCI, C-Tick

Operating Environments	<ul style="list-style-type: none"> Temperature: 0 ~ 50 °C (32 ~ 122 °F) Humidity: 20% ~ 80% 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"> 3-axis mechanism for flexible ceiling and wall mount installation Installation Wizard 2 16-CH recording 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

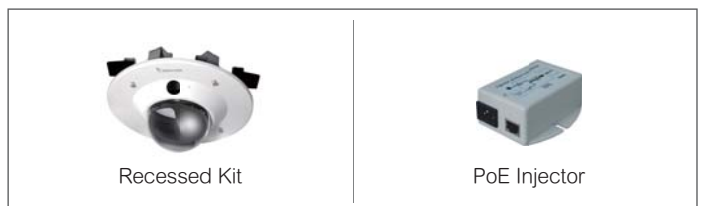
System Overview



External View



Accessories



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6F, No. 192, Lien-Cheng Rd., Chung-Ho, Taipei County, Taiwan
Tel: +886 2 8245 5282 | Fax: +886 2 8245 5532 | E-mail: sales@vivotek.com

VIVOTEK USA, INC.

470 Lakeside Drive Suite C, Sunnyvale, CA 94085 USA
Tel: 408-773-8686 | Fax: 408-773-8298 | E-mail: salesusa@vivotek.com