![VIVOTEK — BUILT WITH RELIABILITY]

FD7132
Fixed Dome Network Camera

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

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

Under day light, the IR-cut filter is activated to minimize the influence of infrared light on image color. In the low-light condition, 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). Therefore, FD7132 can provide high sensitivity and delivery high image quality in both day and night conditions.

In addition, FD7132 can be easily installed on the ceiling or against the 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 motion objects by their thermal.

FD7132 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 up a cost-effective IP surveillance system for indoor applications such as offices, banks, and retail stores.

Features

> 3-axis Mechanical Design for Ceiling/Wall Mount Installation

> 3.3~12mm Vari-focal Board Lens with Auto-Iris

> Built-in IR Illuminators, effective up to 15 Meters

> Removable IR-cut Filter for Day & Night Function

> Built-in PIR Sensor for Human Detection

> Real-time MPEG-4 and MJPEG Compression (Dual Codec)

> Supports Dual Streams Simultaneously

> 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

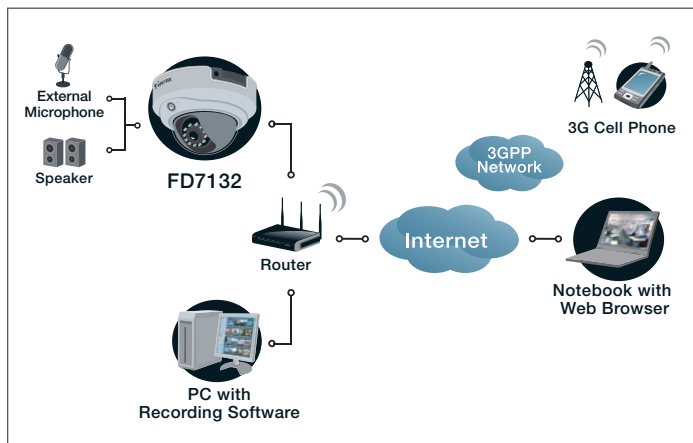# Specifications

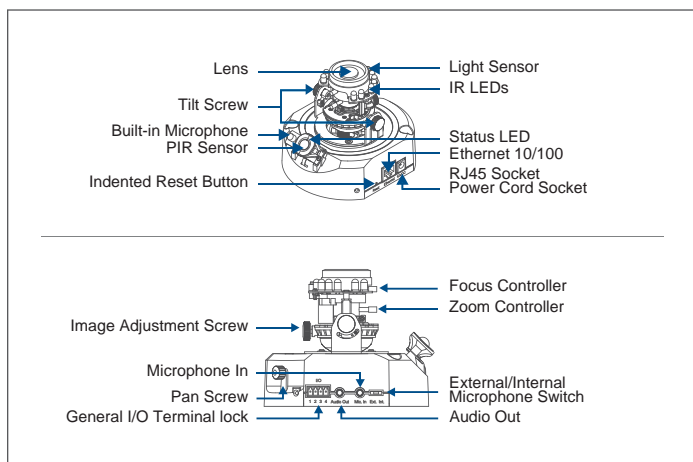| System	· CPU: VVTK-1000 SoC · Flash: 8MB · RAM: 64MB · Embedded OS: Linux 2.4
Lens	· Board lens, vari-focal, f=3.3 ~ 12 mm, F1.4 (wide), F2.9 (tele), auto-iris, focus range: 50 cm to infinity · Removable IR-cut filter for day & night function
Angle of View	· 17.9° ~ 63.6° (horizontal) · 13.5° ~ 46.5° (vertical)
Shutter Time	· 1/5 sec. to 1/15000 sec.
Image sensor	· 1/4" CMOS sensor in VGA resolution
Minimum Illumination	· IR LED x 12 (850 nm) · Effective up to 15 meters
Video	· Compression: MJPEG & MPEG-4 · Streaming: 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: MPEG-4: Up to 30/25 fps at 640x480 MJPEG: Up to 30/25 fps at 640x480
Image Settings	· 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 or manual day/night mode · Supports privacy masks
Audio	· 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	· 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	· Triple-window video motion detection · One D/I and one D/O for external sensor and alarm · Passive infrared sensor (PIR) for human detection · IR illuminators up to 15 meters · Event notification using HTTP, SMTP, or FTP · Local recording of MP4 file
Security	· Muilti-level user access with password protection · IP address filtering · HTTPS encrypted data transmission
Users	· Camera live viewing for up to 10 clients
Dimension	· Ø 143 mm x 106 mm
Weight	· Net: 619 g
LED Indicator	· System power and status indicator · System activity and network link indicator
Power	· 12V DC · Power consumption: Max. 11 W · 802.3af compliant Power-over-Ethernet
Approvals	· CE, LVD, FCC, VCCI, C-Tick
Operating Environments	· Temperature: 0 ~ 50 °C (32 ~ 122 °F) · Humidity: 20% ~ 80% RH

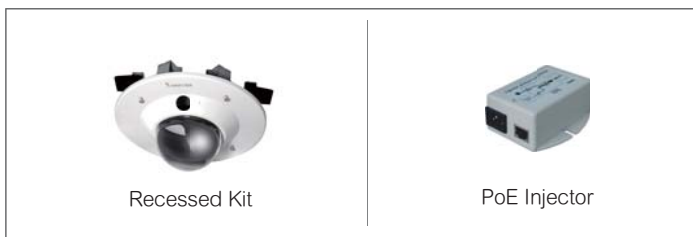| Viewing System Requirements	· OS: Microsoft Windows 2000/XP/Vista · Browser: Internet Explorer 6.x or above · Cell phone: 3GPP player · Real Player: 10.5 or above · Quick Time: 6.5 or above
Installation, Management, and Maintenance	· 3-axis mechanism for flexible ceiling and wall mount installation · Installation Wizard 2 · 16-CH recording software · Supports firmware upgrade
Applications	· SDK available for application development and system integration
Warranty	· 24 months

System Overview

External Microphone · Speaker · FD7132 · Router · PC with Recording Software · 3GPP Network · Internet · 3G Cell Phone · Notebook with Web Browser

External View

Lens · Tilt Screw · Built-in Microphone · PIR Sensor · Indented Reset Button · Light Sensor · IR LEDs · Status LED · Ethernet 10/100 · RJ45 Socket · Power Cord Socket

Image Adjustment Screw · Microphone In · Pan Screw · General I/O Terminal lock · Focus Controller · Zoom Controller · External/Internal Microphone Switch · Audio Out

Accessories

Recessed Kit · PoE Injector

Distributed by:

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