



FD7131

Fixed Dome Network Camera

Indoor • 3-axis • PoE • PIR

VIVOTEK FD7131 is a full-featured 3-axis dome network camera designed for indoor surveillance. It comes with a wide-angle, vari-focal lens, allowing you to have a wide open view for maximum coverage. With the sophisticated 3-axis mechanical and industrial design, it offers a very flexible, easy hardware installation for either ceiling or wall mount. To prevent false alarms, it is also equipped with a PIR (Passive Infrared) sensor, which can detect motion causing temperature changes in the infrared range emitted by surrounding objects.

When the environment is short of sufficient light source, the built-in white-light illuminators will be activated automatically or manually so as to supplement the low light situation without additional equipment. Embedded with VIVOTEK VVTK-1000 SoC, it simultaneously delivers dual streams with different resolutions up to 30fps in VGA resolution and video qualities upon different multimedia devices for real-time viewing.

Additionally, by offering more advanced features such as 3GPP mobile surveillance, built-in 802.3af compliant PoE, two-way audio, and so on, FD7131 allows users to build up a powerful, cost-effective IP surveillance system for various indoor applications with ease.

Features

- > 3-axis Mechanical Design to Adjust Lens Position for Ceiling/Wall Mount Installation
- > Wide Angle Vari-focal Board Lens
- > Built-in PIR Sensor for Human Detection
- > Built-in White-light Illuminators
- > 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

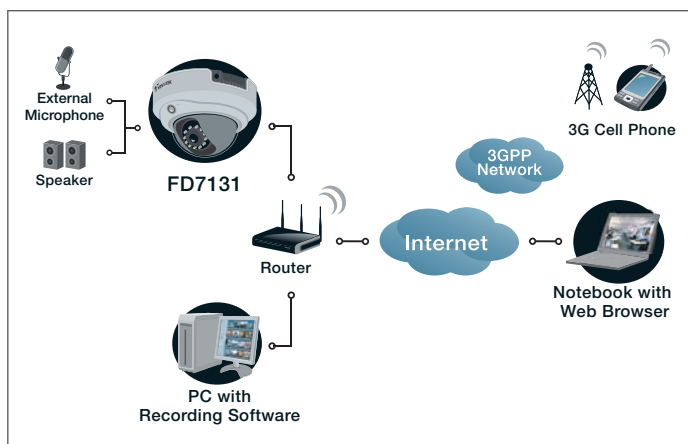
Specifications

P/N: 011000302 Ver 1.0

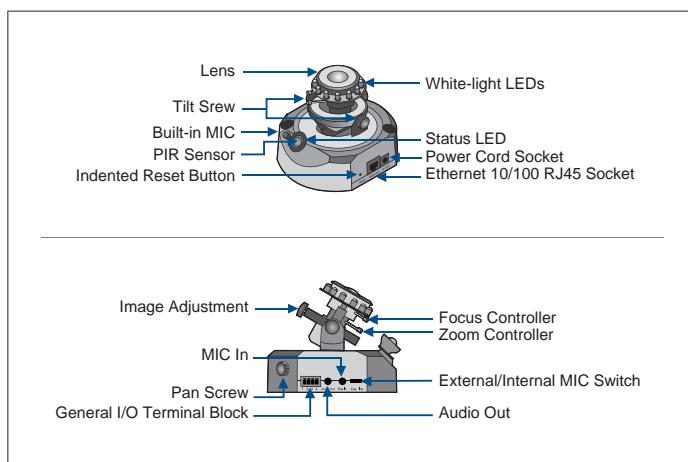
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| System | <ul style="list-style-type: none"> CPU: VTK-1000 SoC Flash: 8MB RAM: 64MB Embedded OS: Linux 2.4 |
| Lens | <ul style="list-style-type: none"> Board lens, vari-focal, f=2 ~ 4 mm, F1.4 (wide), F1.8 (tele), focus range: 50 cm to infinity |
| Angle of View | <ul style="list-style-type: none"> 53.2° ~ 105.1° (horizontal) 39.8° ~ 77.4° (vertical) |
| Shutter Time | <ul style="list-style-type: none"> 1/5 sec. to 1/15000 sec. |
| Image sensor | <ul style="list-style-type: none"> 1/4" CMOS sensor in VGA resolution |
| Minimum Illumination | <ul style="list-style-type: none"> 1.5 Lux / F1.4 |
| 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, contrast, saturation, sharpness, and white balance AGC, AWB, AES Supports privacy masks |
| 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: <ul style="list-style-type: none"> 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 Passive infrared sensor (PIR) for human detection White-light illuminators for low light condition when event triggered Event notification using HTTP, SMTP, or FTP |
| 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"> Camera 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: 575.5 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. 3.6 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 |

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| Viewing System Requirements | <ul style="list-style-type: none"> 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 | <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 |

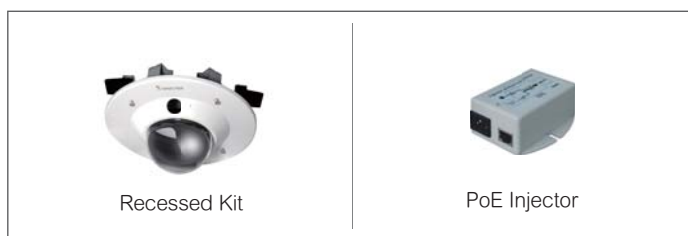
System Overview



External View



Accessories



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