



FD7131

Fixed Dome Network Camera

Indoor • 3-axis • PoE • PIR

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

When the environment lacks a sufficient light source, the built-in white-light illuminators will be activated automatically (or manually) so as to provide additional lighting without the need for additional equipment. Embedded with VIVOTEK's VVTK-1000 SoC, the camera simultaneously delivers dual streams with different resolutions - up to 30fps VGA- and video qualities on separate multimedia devices for real-time viewing. Additionally, by offering advanced features such as 3GPP mobile surveillance, built-in 802.3af compliant PoE, two-way audio, and many more, the FD7131 allows users to build a powerful, cost-effective IP surveillance system for various indoor applications with ease.

Features

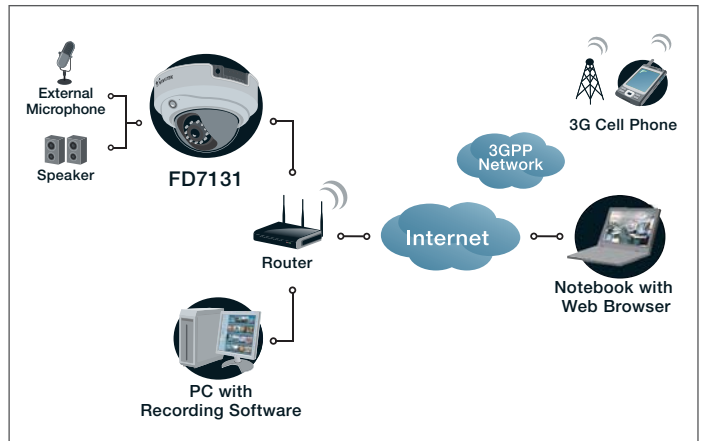
- > Wide Angle Vari-focal Lens
- > Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- > Dual Streams Simultaneously
- > 3-axis Mechanical Design for Ceiling/Wall Mount Installation
- > Built-in PIR Sensor for Human Detection
- > Built-in White-light Illuminators
- > 3GPP Mobile Surveillance
- > Built-in 802.3af Compliant PoE
- > Two-way Audio via SIP Protocol
- > Digital I/O for External Sensor and Alarm
- > HTTPS Encrypted Data Transmission

Specifications

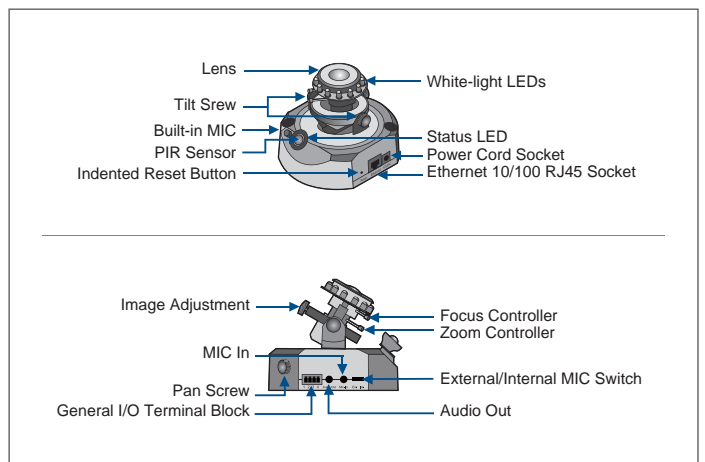
System	<ul style="list-style-type: none"> CPU: VVTK-1000 SoC Flash: 8MB RAM: 64MB Embedded OS: Linux 2.4
Lens	<ul style="list-style-type: none"> Board lens, vari-focal, f = 2 ~ 4 mm, F1.4 (wide), F1.8 (tele), focus range: 50 cm to infinity
Angle of View	<ul style="list-style-type: none"> 53.2° ~ 105.1° (horizontal) 39.8° ~ 77.4° (vertical)
Shutter Time	<ul style="list-style-type: none"> 1/5 sec. to 1/15,000 sec.
Image Sensor	<ul style="list-style-type: none"> 1/4" CMOS sensor in VGA resolution
Minimum Illumination	<ul style="list-style-type: none"> 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 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: <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 PIR (Passive Infrared Sensor) 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"> 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

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

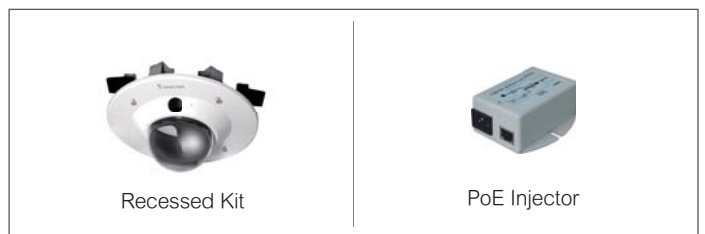
System Overview



External View



Accessories



All specifications are subject to change without notice. Copyright©2009 VIVOTEK INC. All rights reserved.

Distributed by:

Virtual Technologies Group
 Toledo: 19 N. Erie Street, Toledo, OH 43604 419.255.9070
 Lima: 3820 S. Dixie Highway, Lima, OH 45806 419.991.4694
sales@vtgus.com www.vtgus.com

