

Indoor 3-Axis Fixed Dome Network Camera



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 quality 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.



FD7131

Features

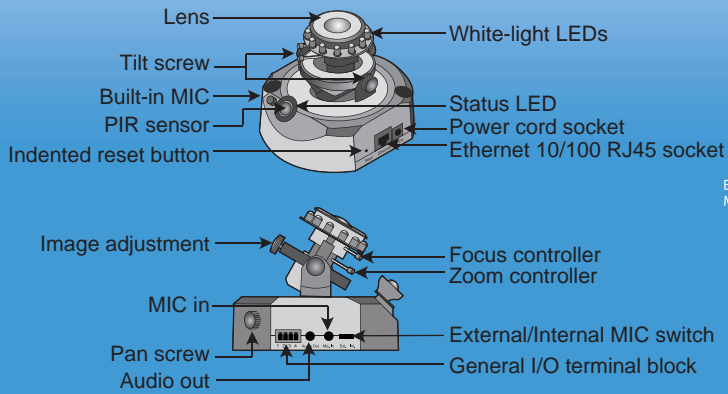
- 3-axis Mechanical Design to Adjust Lens Position for Ceiling and Wall Mount Installation
- Wide Angle Vari-focal Board Lens
- Built-in PIR Sensor for Human Detection
- Built-in White-light Illuminators
- Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- Supports Dual Streams Simultaneously (MJPEG/MPEG-4 up to 30fps in VGA Resolution)
- Supports 3GPP Mobile Surveillance
- Built-in 802.3af Compliant PoE (Power over Ethernet)
- Supports Two-way Audio (*)
- Free-bundled 16-CH Recording Software

The features with (*) will be available later by firmware upgrade.

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Physical Descriptions



Technical Specifications

System	<ul style="list-style-type: none"> CPU: VVTK-1000 SoC Flash: 8MB RAM: 64MB Embedded OS: Linux 2.4 	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
Lens	<ul style="list-style-type: none"> Vari-focal board lens, f=2mm~4mm, F1.4~1.8, focus range: 50cm to infinity 	Security	<ul style="list-style-type: none"> Triple-level user access with password protection IP address filtering
Angle of view	<ul style="list-style-type: none"> 105.1 ° ~ 53.2 ° (horizontal) 77.4 ° ~ 39.8 ° (vertical) 	Users	<ul style="list-style-type: none"> Camera live viewing for up to 10 clients
Shutter Time	<ul style="list-style-type: none"> 1/5 sec. to 1/15000 sec. 	Dimension (including lens)	<ul style="list-style-type: none"> 143mm (D) x 106mm (H)
Image Sensor	<ul style="list-style-type: none"> MICRON 1/4" CMOS sensor with VGA resolution 	Weight (including lens)	<ul style="list-style-type: none"> Net: 575.5g
Minimum Illumination	<ul style="list-style-type: none"> 1.5 Lux / F1.4 	LED Indicator	<ul style="list-style-type: none"> System power and status indicator System activity and network link indicator
Video	<ul style="list-style-type: none"> Compression: MJPEG & MPEG-4 Streaming: Simultaneous dual-stream MPEG-4 streaming over UDP, TCP, or HTTP MPEG-4 multicast streaming MJPEG streaming over HTTP Supports 3GPP mobile surveillance Frame rates: 640x480 up to 30fps 	Power	<ul style="list-style-type: none"> 12V DC Consumption: Max 3.6W 802.3af compliant Power over Ethernet
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 	Approvals	<ul style="list-style-type: none"> CE, FCC, VCCI, C-Tick
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 Supports two-way audio by SIP protocol (*) Supports audio mute 	Operating Environments	<ul style="list-style-type: none"> Temperature: 0 ° ~ 55 ° C Humidity: 20 % ~ 80 % RH
Networking	<ul style="list-style-type: none"> 10/100 Mbps Ethernet, RJ-45 Protocols: IPv4, TCP/IP, HTTP, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, and PPPoE 	Viewing System Requirements	<ul style="list-style-type: none"> OS: Microsoft Windows 2000/XP/Vista Browser: Internet Explorer 6.x or above Cellphone: 3GPP player Real Player: 10.5 or above Quick Time: 6.5 or above Packet Video Player: 3.0 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

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