



Fixed Network Camera

IV-FD131VK

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



Description:

IV-FD131VK 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.

SPECIFICATION		IV-FD131VK
System	CPU	WTK-1000 SoC
	Flash / RAM	8MB flash / 64MB RAM
	Embedded OS	Linux 2.4
Networking	Protocols	Protocols: IPv4, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, and PPPoE
	Ethernet	10/100 Mbps Ethernet, RJ-45, Built-in 802.11b/g WLAN (IP7139)
Video	Compression	MJPEG & MPEG-4
	Streaming	Simultaneous dual-stream
		MPEG-4 streaming over UDP, TCP, HTTP or HTTPS
		MPEG-4 multicast streaming, MJPEG streaming over HTTP
Supports	3GPP mobile surveillance	
Frame Rate	MPEG-4: Up to 30/25 fps at 640 x 480, MJPEG: Up to 30/25 fps at 640 x 480	
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 and audio mute
Security		Multi-level user access with password protection
		IP address filtering
		HTTPS encrypted data transmission
Camera Specifications	Image Sensor	1.4" CMOS sensor in VGA resolution
	Min. illumination	1.5 Lux / F1.4
	Shutter Time	1/5 sec. To 1/15000 sec
	Angle of view	53.2° ~ 105.1° (horizontal), 39.8° ~ 77.4° (Vertical)
Lens	Board lens, vari-focal, f=2 ~ 4 mm, F1.4 (wide), F1.8 (tele), focus range: 50 cm to infinity	
LED indicator		System power and status indicator
		System activity and network link indicator
Dimensions	Ø 5.63" x 4.17"	
Weight	NET	20.3 Oz
Power	Power supply	DC 12V
	Consumption	Max 3.6W
Operating Environments	Temperature	32 °F ~ 122 °F
	Humidity	20% ~ 80% RH
Approvals	CE, LVD, FCC, VCCI, C-Tick	
Viewing System	Operation System	Microsoft Windows 2000/XP/Vista
	Browser	Mozilla Firefox, Internet Explorer 6.0 or above
	Cellphone	3GPP player
	Real Player	10.5 or above
	Quick Time	6.5 or above
Image Settings		Adjustable image size, quality and bit rate, Time stamp and text caption overlay
		Configurable brightness, sharpness, contrast and saturation
		Flip & mirror, AGC, AWB, AEC
		Supports privacy masks
Alarm and Event Management		Triple-window video motion detection, Tamper detection
		One D/I and one D/O for external sensor and alarm
		Event notification using HTTP, SMTP or FTP
		Passive infrared sensor (PIR) for human detection
		White-light illuminators for low light condition when event triggered
Users	Cameras live viewing for up to 10 clients	
Applications	SDK available for application development and system integration	
Installation, Management and Maintenance		3-axis mechanism for flexible ceiling and wall mount installation
		Installation Wizard 2
		16-CH recording software
	Supports firmware upgrade	