



Fixed Dome Network Camera

IV-FD141VK

Features:

- . Wide dynamic range CMOS sensor
- . 3-axis mechanical design for ceiling/wall mount installation
- . 3.3 ~ 12 mm Vari-focal lens
- . Detects tampering from blockage or spray-painting
- . Built-in IP illuminators, effective up to 45 feet
- . Removable IR-cut filter for day & night function
- . Weather-proof IP66-rated housing
- . Real-time MPEG-4 and MJPEG compression (dual codec)
- . Supports dual streams simultaneously
- . Built-in 802.3af compliant PoE (Power-over-Ethernet)
- . Two way audio via SIP protocol
- . Built-in SD/SDHC card slot for on-board storage
- . Built-in heater and Fan. supported by PoE



SPECIFICATION		IV-FD141VK
System	CPU	Bach Soc
	Flash / RAM	8MB / 64MB + 32MB
	Embedded OS	Linux 2.6
Networking	Protocols	IPv4, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS
	Ethernet	10/100 Mbps Ethernet, RJ-45
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 or HTTPS
Supports	3GPP mobile surveillance	
Frame Rate	MPEG-4: 720 x 480 up to 25 fps, 360 x 240 up to 30/25 fps, MJPEG: 720 x 480 up to 30/25 fps	
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	External microphone input, Audio output
	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	1/3" wide dynamic range CMOS sensor in 720 x 480 resolution
	Min. illumination	0.68 Lux / F1.4, 0 Lux / F1.4 (IR LED on)
	IR illuminators	IR LED x 12 (850 nm), Effective up to 45 feet
	Shutter Time	1/30 sec. To 1/15000 sec
	Angle of view	23.9° ~ 89.8° (horizontal)
Lens		Vari-focal f = 3.3 ~ 12mm, F1.4(wide), F2.9(tele). Focus range: 50 ca to infinity Removable IR-cut filter for day & night function
LED indicators		System restore status indicator
Dimensions	Diameter	Ø 6.7"
	Height	5.25"
Weight	NET	4.78 lbs
Power	Power supply	DC 12V or AC 24V
	Consumption	Max 7.5W, 10W (with heater), 802.3af compliant Power-over-Ethernet
Operating Environments	Temperature	-4 °F ~ 122 °F
	Humidity	20% ~ 95% RH
Approvals		CE, LVD, FCC, VCCI, C-Tick
Viewing System	Operation System	Microsoft Windows 2000/XP/Vista
	Browser	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, contrast, saturation, sharpness, white balance, and exposure
		Flip & mirror, AGC, AWB, AEC, Automatic, manual or scheduled day/night mode 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
		Local recording or MP4 file
On-board Storage		SD / SDHC card slot, Stores snapshots and video clips
Users		Cameras live viewing for up to 10 clients
Housing		Metal base and polycarbonate transparent cover Vandal-proof: 1000 kg, Weather-proof IP66-rated Housing
Applications		SDK available for application development and system integration
Installation, Management and Maintenance		3-axis mechanism for flexible ceiling and wall mount installation
		Drop-ceiling mount installation
		Installation Wizard 2
		16-CH recording software Supports firmware upgrade