

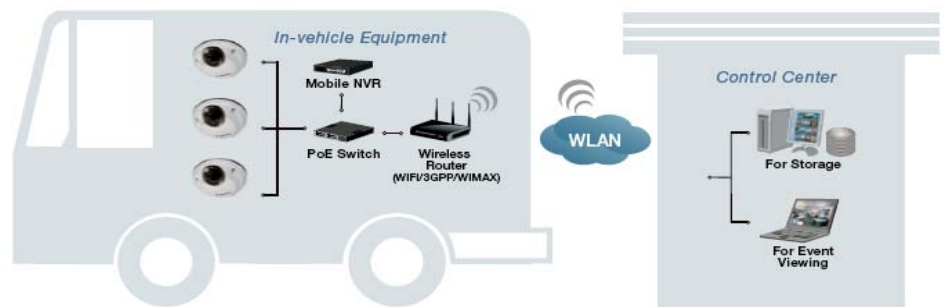


Network Dome Camera

IV-FD160VKMP

Features:

- . 2-megapixel CMOS Sensor
- . Wide Angle Fixed Lens
- . Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- . Multiple Streams Simultaneously
- . Tamper Detection for Unauthorized Changes
- . Temperature Alarm Trigger
- . Weather-proof IP66-rated Housing
- . Built-in 802.3af Compliant PoE
- . HTTPS Encrypted Data Transmission
- . 802.1X Port-based Authentication for Network Protection
- . MicroSD/SDHC Card Slot for On-board Storage
- . Includes Free Standard 32-CH ST7501 Central Management Software



Description:

IV-FD160VKMP is a compact, 2-megapixel network camera transportation applications such as buses, trains, etc.

With full compliance, shock, vibration, humidity, and dust, maintaining stable and reliable video when a vehicle

is in movement. Its IP66-rated metal housing effectively provides robust protection from demanding rain/dust-tight

conditions. As such, the combination of high resolution imaging and protective housing endows the IV-FD160VKMP with

first-rate identification capabilities & the rugged reliability to maximize passenger safety & optimize mobile surveillance

SPECIFICATION		IV-FD160VKMP
System	CPU	Mozart 120 SoC
	Flash / RAM	16MB / 128MB + 128MB
	Embedded OS	Linux 2.6
Lens		Board lens, f = 2.8mm, F2.0 Fixed
Camera Specifications	Image Sensor	1/3.2" CMOS sensor in 1600x1200 resolution
	Min. illumination	0.6 Lux / F2.0
	IR illuminator	N/A
	Shutter Time	1/5 sec. to 1/40,000 sec.
	Angle of view	98° (horizontal), 73° (vertical), 122° (diagonal)
Video	Compression	MJPEG & MPEG-4
	Streaming	Simultaneous multiple streams
		MPEG-4 streaming over UDP, TCP, HTTP or HTTPS
		MPEG-4 multicast streaming, MJPEG streaming over HTTP or HTTPS
	Supports	activity adaptive streaming for dynamic frame rate control, video cropping for bandwidth saving ePTZ for data efficiency, 3GPP mobile surveillance
Frame Rate	MPEG-4: up to 30 fps at 800x600, up to 10 fps at 1600x1200 MJPEG: up to 30 fps at 800x600, up to 15 fps at 1600x1200	
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 BLC (Backlight Compensation) Supports privacy masks
Audio	Compression	N/A
	Interface	N/A
	Supports	N/A
Networking	Ethernet	10/100 Mbps Ethernet, RJ-45
	Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP and 802.1X
Alarm and Event Management		Triple-window video motion detection, Tamper detection Temperature alarm trigger Event notification using HTTP, SMTP or FTP Local recording or MP4 file
On-board Storage		N/A
Security		Multi-level user access with password protection IP address filtering, HTTPS encrypted data transmission 802.1X port-based authentication for network protection
Users		live viewing for up to 10 clients
Dimensions		Ø 115 mm x 47 mm
Weight	NET	360g
LED indicators		System restore status indicator
Power	PoE	802.3af compliant Power-over-Ethernet
	Consumption	Max 7W / Max 7.5 W (with heater)
Housing		Metal housing for vandal protection, Weather-proof IP66-rated housing
Approvals		CE, LVD, FCC, VCCI, C-Tick
Operating Environments	Temperature	-13 °F ~ 122 °F Extended temperature in according of EN50155 T1: 13 °F ~ 158 °F
	Humidity	90% RH
Viewing System	Operation System	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		Camera angle adjustment: pan ±10° and tilt 90° (0° ~ 90°), Rugged M12 or RJ45 connector Installation Wizard 2 32-CH central management software Supports firmware upgrade
Applications		SDK available for application development and system integration