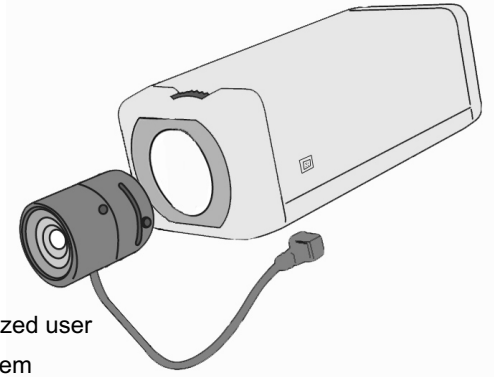


IP DV-FIXED CAMERA SERIES II

PRODUCT FEATURES:

- Comprehensive security features
- Eliminates coaxial wiring, legacy video servers and racking equipment
- Highest quality images at the lowest network bandwidth and storage costs
- Industrial quality surveillance camera attaches directly to any IP network
- Digital compatibility with analog monitors when used with DVTEL decoders
- Extends real-time networked surveillance to anywhere, anytime and any authorized user
- Fully supported by DVTEL's Latitude iSOC 3.0 Network Video Management System
 - Web based control and management is also available
- Compatible with standard indoor and outdoor mounts and housings
- Easy to install - quick and simple single CAT5 cable for data and electrical connections, when using Power Over Ethernet



CAMERAS AND OPTICS

- 1/3" format CCD imager with 768 (H) x 494 (V) pixels
- Digital Mpeg4 compression with comparable resolution of 480 Lines of Resolution analog camera
- Multi Digital Signal Processing (DSP) for advanced operations and capabilities
 - CIF, 2CIF and 4CIF digital video resolution
- Digital aperture correction for sharper images
- Advanced back light compensation (BLC) capability.
- C/CS Lens Mount
- DC Drive Auto Iris Lens Compatibility
- 12VDC Power or optional Power over Ethernet Accessory
- Automatic White Balance Modes
- Automatic Gain Control (AGC)
- Automatic Electronic Shutter (AES)
- Digital Signal Processing
- Top/Bottom Mounting

DIGITAL VIDEO AND IP NETWORK

- NTSC and PAL video standards available
- MPEG-4 Video compression standard
- Multi video resolution settings
 - CIF (352x240 NTSC, 352x288 PAL)
 - 2CIF (704x240 NTSC, 704x288 PAL)
 - 4CIF (704x480 NTSC, 704x576 PAL)
- Multi video stream for independent viewing and recording settings (frame rates, resolution, etc...)
- 10/100 Base-T Fast Ethernet connection
- Bi directional Audio
- Power over Ethernet (Optional)

PRODUCT DESCRIPTION:

DVTEL's world-class video networking technology is now embedded in a new series of digital fixed cameras which represent the most advanced IP surveillance products in the industry. DVTEL offers the industry's first fixed camera for surveillance with MPEG-4 based video compression as well as dual video streams permitting different recording and viewing rates which go up to 30FPS NTSC/ 25FPS PAL each. State-of-the-art Multi Digital Signal Processing (DSP) video processing and precision optics (lenses are not included) ensure the highest image quality at the lowest network bandwidth and storage costs without video signal degradation associated with coaxial wiring systems.

These sophisticated high-resolution camera products are designed to meet the toughest surveillance applications with a full set of programmable camera features including CS lens mounts, wide Dynamic Range, Automatic Electronic Shutter modes, Power over Ethernet and a full web-browser interface. The Power over Ethernet capability means only one cable to connect and the DSP eliminates time-consuming, old-fashioned, line-lock adjustments to achieve roll-free video switching performance.

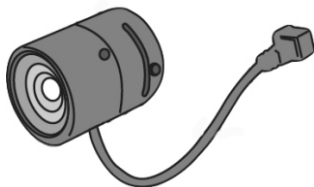
Application uses include enterprise, hospitals, schools, airports, retail, ports, casinos, prisons, industrial security and process control monitoring.

TECHNICAL SPECIFICATIONS

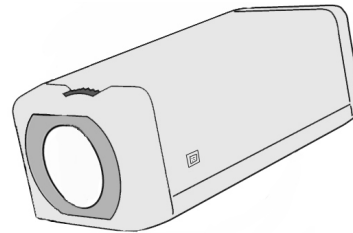
GENERAL		NTSC - PAL		VIDEO	
CHIP SIZE	1/3" CCD		MPEG4	VIDEO STANDARD	
TYPE	COLOR			VIDEO COMPRESSION STANDARD	
CONNECTIVITY	CAT-5 IP NETWORKS	64KBIT/SEC - 4MBIT/SEC		DIGITAL VIDEO DATA RATE	
RESOLUTION	CIF, 2CIF, 4CIF (480 LINES)	CIF - (352x240NTSC)		VIDEO RESOLUTION	
MINIMUM ILLUMINATION	2.0 LUX (0.2 FC) AT F1.4; 0.6 LUX (0.06 FC) AT F0.75	(352x288PAL)			
SIGNAL TO NOISE RATIO	50 DB	2CIF - (704x240NTSC)			
		(704x288PAL)			
		4CIF - (704x480NTSC)			
		(704x576PAL)			
COMPLIANCE				AUDIO	
FCC	PART 15, CLASS B	G.711; 300HZ - 3.4KHZ		AUDIO STANDARD	
UL	UL 1950	64KBIT/SEC		DIGITAL AUDIO DATA RATE	
CE	IEC60950, EN55024, EN55022, EN 55130 EN 55103 -1, -2 EN 61000-3, -2 EN 61000-3, -3 AS/NZS 3260	SAMPLING RATE: 8KHZ		AUDIO ENCODER	
		1X MONO LINE, 1VPP 50K OHM		AUDIO INTERFACE IN	
		1X MONO LINE 1VPP 60MW, MIN 80HM		AUDIO INTERFACE OUT	
ELECTRICAL				COMMUNICATION	
INPUT VOLTAGE	12VDC	RTP, RTCP, UDP, TCP, IP,		NETWORK PROTOCOLS	
POWER CONSUMPTION	7W	HTTP, IGMP, ICMP, ARP, DHCP, SNMP		ETHERNET	
		10/100 BASE-T AUTOSENSING, HALF/FULL DUPLEX, RJ45			
PHYSICAL & ENVIRONMENTAL				CONFIGURATION	
INDOOR OPERATING TEMP	0°~50°C 32°~122°F	LATITUDE ISOC ADMIN CENTER		NETWORK	
STORAGE TEMP	0°~60°C 32°~140°F	VIA WEB BROWSER, BUILT-IN WEB SERVER			
DIMENSIONS (H x W x D)	2.56" x 2.63" x 4.81"				
WEIGHT	.77 LBS				

RECORDING AND NETWORK BANDWIDTH*	A SINGLE FIXED COLOR CAMERA WILL REQUIRE THE FOLLOWING DISK SPACE			
	~4 FPS	~7 FPS	15/12.5 FPS	30/25FPS
CIF (352x240 NTSC) (352x288 PAL)	48-128Kb/SEC	128-384Kb/SEC	256-768Kb/SEC	512-1024Kb/SEC
2CIF (704x240 NTSC) (704x288 PAL)	64-152Kb/SEC	256-512Kb/SEC	384-768Kb/SEC	512-1536Kb/SEC

FOR NETWORK BANDWIDTH CALCULATION 20% NETWORK COMMUNICATION OVERHEAD SHALL BE ADDED TO THE ABOVE NUMBERS



Lenses are sold separately



Camera size and shape can change without notice