

SecureLink Imaging Solutions High Resolution IP Fixed Camera



PRODUCT DESCRIPTION:

The SecureLink 9500 Series is a component of the Latitude Network Video Management System (NVMS) and SecureLink Transmission and Switching product lines. This series of industrial-grade IP based, high resolution and sensitivity, video and audio camera were designed to meet the toughest surveillance applications with a full set of camera features including CS lens mounts, wide Dynamic Range, Automatic Electronic Shutter modes, and a full web-browser interface are all standard. 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. These features making the SecureLink 9500 series the most advanced IP surveillance camera in the industry.

Lens Sold Separately

The 9500 series dome systems utilize IGMP multicast technology, which enables a single stream to be transmitted to multiple viewers on the network simultaneously. Multi-casting reduces bandwidth demands, allowing more cameras to be transmitted over the network than non-multicast enabled products such as a DVR, which requires high bandwidth. The live video stream can be viewed on a client PC using the Latitude NVMS client application. A networked MPEG-4 7701D Decoder can be installed where live viewing is required on an analog CCTV monitor, or for recording to a VCR or DVR. The Decoder can be used for live monitoring or to view recorded video from the Latitude Archive Server. In addition, the web browser interface permits the SecureLink 9500 to be viewed remotely in point-to-point applications.

The SecureLink 9500 series' plug-and-play design and combined with the Latitude NVMS's auto-discovery feature ensures rapid installation and low maintenance costs. The SecureLink 9500 series runs over existing Ethernet networks, eliminating the need to run new coaxial cable, the most expensive and labor-intensive component of system installation. By eliminating these costs, the 9500 series immediately increases return on investment and reduces total cost of ownership. The SecureLink 9500 system is designed with open standards, not proprietary standards like most DVRs, thus providing a future-proof investment. They are ideal products for applications such as hospitals, schools, airports, retail, transportation, casinos, prisons and industrial security and process control monitoring.

The 9500 series, combined with the 5500 series twisted pair transmission technology, can provide high quality video transmission at 30 fps NTSC/25 fps PAL over standard telephone (CAT3) wires while maintaining regular telephone operation. In addition, since the 9500 series utilizes standard TCP/IP communication protocol, connecting to a wireless network is simple, making connection possible to locations not easy to reach by a standard wired solution.

PRODUCT FEATURES:

- Dual-stream MPEG-4 video for independent viewing and recording settings (frame rates, resolution, etc...) comparable to over 480 Lines of Resolution analog camera
- Multi video resolution settings up to 4CIF (704x480 NTSC, 704x576 PAL)
- Multi Digital Signal Processing (DSP) for advanced operations and capabilities
- Sony SuperHAD™ Technology
- 1/3" format CCD imager with 768 (H) x 494 (V) pixels
- Bi-directional Audio
- Remote access for configuration, viewing and control via standard web browser
- Digital aperture correction for sharper images
- Automatic White Balance Modes
- Automatic Gain Control (AGC)
- Automatic Electronic Shutter (AES)
- Advanced back light compensation (BLC) capability
- C/CS Lens Mount
- Top/Bottom Mounting
- DC/Video Drive Auto Iris Lens Compatibility
- Power Over Ethernet support via optional power injector accessory
- 12 to 24 VDC Power
- RS232/422 Port for PTZ control

Technical Specifications

<u>General</u>		Imager	1/3-inch, NTSC or PAL, color 525 lines; 2:1 Interlacing	<u>Video</u>	Video Standard	NTSC - PAL
	Scanning System	Pixel Array	Digital Signal Processing	Video Compression Standard	MPEG4	
	Signal Processing	Connectivity	CAT-5 IP Networks	Digital Video Data rate	64Kbit/Sec - 4Mbit/Sec	
	Resolution	Minimum Illumination	1/60 to 1/100,000 second	Video Resolution	CIF - (352x240 30 FPS NTSC) (352x288 25 FPS PAL)	
	White Balance Range	Electronic/Passive			2CIF - (704x240 NTSC) (704x288 PAL) (15 FPS)	
	Iris Control Range	50 dB (AGC off)		<u>Audio</u>	4CIF - (704x480 NTSC) (704x576 PAL) (7 FPS)	
	Iris Control	Backlight Compensation		Audio Standard	G.711; 300Hz - 3.4KHz	
	Signal-to-Noise Ratio	Automatic Gain Control		Digital Audio Data rate	64Kbit/Sec	
	DIP-Switch Adjustable Settings	Flickerless		Audio Encoder	Sampling Rate: 8KHz	
		ALC/ELC		Audio Interface In	1xMono line, 1Vpp 50K Ohm	
		Hi-Gain		Audio Interface Out	1xMono Line 1Vpp 60mW, Min 80hm	
<u>Compliance</u>		Part 15, Class B		<u>Communication</u>		
	FCC	EN55130-4		Network Protocols	RTP, RTCP, UDP, TCP, IP, HTTP, IGMP, ICMP, ARP, SNMP	
	CE	EN61000-3		Ethernet	10/100 Base-T autosensing, half/full duplex, Rj45	
		EN61000-4		<u>Configuration</u>		
<u>Electrical</u>		12VDC - 24VDC		Network	Latitude NVMS Admin Center	
	Input Voltage	12W			Via WEB Browser, built-in web server	
	Power Consumption	Removable Plug or Rj45 (PoE)				
	Power Connector					
<u>Physical & Environmental</u>		0°~50°C / 32°~122°F				
	Indoor Operating Temp	85% RH				
		0°~60°C / 32°~140°F				
		1.96" x 2.36" x 4.96"				
	Storage Temp	50 x 60 x 126mm				
		1.1 lbs (500 grams)				

9500 Series product reference chart

Name	Part #	Cam/Mon In/out	Max Video Quality		Max view fps per camera	Max record fps per camera	PTZ Control	Network interface	Audio	Dry Contacts I/O	Serial
			(NTSC)	(PAL)							
NTSC Fixed Camera	DVT-9501-M4-N	1	704 x 480		30	30	⊗	⊗	1	2/1	RS-232/422/485
PAL Fixed Camera	DVT-9501-M4-P	1		704 x 576	25	25	⊗	⊗	1	2/1	RS-232/422/485

9500 Series Accessories

Name	Part #	Description
Camera Lens	DVT-LENS-VM3514	Varifocal, manual Iris, CS Mount, 1/3" 3.5-8mm f1.4 w/iris & focus
Camera Lens	DVT-LENS-VM5013	Varifocal, manual Iris, CS Mount, 1/3" 5-50mm f1.3 w/iris & focus
Camera Lens	DVT-LENS-VA2813	Varifocal, DC Auto Iris, CS Mount, 1/3" 2.8-12mm f1.3 auto Iris
Camera Lens	DVT-LENS-VA3514	Varifocal, DC Auto Iris, CS Mount, 1/3" 3.5-8mm f1.4 auto Iris
Camera Lens	DVT-LENS-VA5013	Varifocal, DC Auto Iris, CS Mount 1/3" 5-50mm f1.3 auto Iris
Power over Ethernet	DVT-ETM-PWR125C	Power over Ethernet
Power Supply (220W)	DVT-PWR-200W	200W Power Supply
Power Supply (40W)	DVT-PWR-40W	39.6W Power Supply