Nextiva

S1900e High-Resolution Video Encoder with Video Analytics

The Nextiva S1900e is a powerful, single-port video encoder for indoor use that helps organizations extend the value of their analog video cameras, as they leverage the power of sophisticated IP video technology.

The S1900e video encoder digitizes and transmits video from a single analog camera over IP networks, delivering dual-stream, MPEG-4 video up to 4CIF/30 frames per second. Dual streaming enables video to be viewed at high resolution and stored at lower resolution, optimizing storage resources while delivering excellent image clarity.

With optional extended temperature support, the S1900e can be installed in locations that experience wide temperature ranges. A noise reduction filter reduces bandwidth usage, and SSL-based authentication helps prevent unauthorized access.

Powerful, Embedded Video Analytics

Nextiva integrated, on-board video analytics analyze images at the point of capture and eliminate the need to send all video to centralized servers for analysis. This can significantly reduce network bandwidth, storage, and server requirements, while providing highly accurate image analysis. A wide array of Nextiva analytic applications is available for use with the S1900e. Nextiva analytics are fully integrated with other Nextiva solutions and software management applications. So, video analytic rules can be easily created and applied within the video management environment, and alerts can be distributed almost anywhere according to an organization's security policies.

Easy to Configure and Manage

The S1900e video server is built on accepted industry standards for easy interoperability with existing IT infrastructure and video equipment. Up to five authorized users can monitor live video simultaneously and configure unit settings from a Web browser.

The Nextiva S1900e is built for outstanding performance and easy installation and management using either Nextiva Enterprise or other video management software (via the Nextiva Advantage SDK). With Nextiva Enterprise, the S1900e can be remotely configured with the user-friendly Nextiva Control Center. Nextiva HealthCheck can continuously monitor the performance of the S1900e, with automated diagnostics and problem correction for greater uptime and lower service costs.

At A Glance:

- Compact, high-resolution video encoder
- Ideal for indoor, single-camera applications
- Dual-stream, MPEG-4 SP video up to 4CIF/30fps
- Optional embedded video analytics for rapidly detecting important activity
- Enhanced security via SSL-based authentication
- Configure and manage using Nextiva or other video management applications

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VIDEO INTELLIGENCE SOLUTIONS™

Technical Specifications

Network
• Interface	Ethernet 10/100Base-T
• Connector	RJ-45 jack
• Protocols	Transport: RTP/IP, UDP/IP, TCP/IP, or multicast IP
	Others: DNS, NTP, HTTP, FTP, and DHCP client
• Security	SSL-based authentication

Video
• Input	1 composite, 1 Vpp into 75 ohms (NTSC/PAL)
• Dual Stream	4CIF/30fps and CIF/15fps programmable
• Connector	BNC female
• Compression	MPEG-4 SP
	Dual streaming
• Resolution	Scalable from 176x128 to 704x480 pixels NTSC, 176x144 to 704x576 pixels PAL
• Frame Rate	1-30fps programmable (up to 60 fields per second)
• Bandwidth	Configurable 30 Kbps to 6 Mbps

Serial Port
• Interface Standard	RS-422/485 2/4 wires
• Operating Mode	Transparent serial port supporting any asynchronous serial protocol
• Connector	5-position terminal strip

Alarm
• Input	1 dry contact
• Output	1 optically isolated relay contact (48V AC/DC at 100 mA max.)
• Connector	5-position terminal strip

Audio
• Bi-Directional	Input: -46 to -3 dBV into 30 Kohms
	Output: -46 to -3 dBV into 16 ohms min.8.75L x 3.5W x 5.5H in.
	(222L x 89W x 140H mm)
• Connectors	1/8 in. (3.5 mm) stereo jacks

Power
• Supply/Voltage	Included/12V DC +/-10% (6W)
• Connector	5-position terminal strip

Physical
• Size	4.2L x 3.5W x 1.7H in. (106L x 90W x 42H mm)
	XT: 7.8L x 3.5W x 1.7H in. (198L x 90W x 42H mm)
• Weight	10.2 oz (290 g); XT: 14.1 oz (400 g)
• Environmental	32°F to 113°F (0°C to 45°C)
	XT: -22°F to 131°F (-30°C to 55°C)
• Humidity	95% non-condensing at 122°F (50°C)

Management
• Configurement	Nextiva, SConfigurator, or Internet Explorer 6.0
• Firmware Upgrade	Flash memory for upgrade of video codec and application firmware over the network; remote batch upgrade available through Nextiva Control Center
• Analytics	On-board Nextiva analytics processing

Models
• S1900e-T-AS	Compact, high-resolution Ethernet video encoder with on-board analytics* capability
• S1900e-T-AS-XT	With extended temperature support

Certification and Regulation
For information, please visit **www.verint.com/S1900e.**

Warranty
3-year limited warranty covering parts and labor (for the Americas). Contact your Verint representative for warranty details for other regions.

*Nextiva analytic applications licensed separately.

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