



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



VIDEO INTELLIGENCE SOLUTIONS™

Technical Specifications

Network <ul style="list-style-type: none"> • Interface • Connector • Protocols • Security 	Ethernet 10/100Base-T RJ-45 jack Transport: RTP/IP, UDP/IP, TCP/IP, or multicast IP Others: DNS, NTP, HTTP, FTP, and DHCP client SSL-based authentication
Video <ul style="list-style-type: none"> • Input • Dual Stream • Connector • Compression • Resolution • Frame Rate • Bandwidth 	1 composite, 1 Vpp into 75 ohms (NTSC/PAL) 4CIF/30fps and CIF/15fps programmable BNC female MPEG-4 SP Dual streaming Scalable from 176x128 to 704x480 pixels NTSC, 176x144 to 704x576 pixels PAL 1-30fps programmable (up to 60 fields per second) Configurable 30 Kbps to 6 Mbps
Serial Port <ul style="list-style-type: none"> • Interface Standard • Operating Mode • Connector 	RS-422/485 2/4 wires Transparent serial port supporting any asynchronous serial protocol 5-position terminal strip
Alarm <ul style="list-style-type: none"> • Input • Output • Connector 	1 dry contact 1 optically isolated relay contact (48V AC/DC at 100 mA max.) 5-position terminal strip
Audio <ul style="list-style-type: none"> • Bi-Directional • Connectors 	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) 1/8 in. (3.5 mm) stereo jacks
Power <ul style="list-style-type: none"> • Supply/Voltage • Connector 	Included/12V DC +/-10% (6W) 5-position terminal strip
Physical <ul style="list-style-type: none"> • Size • Weight • Environmental • Humidity 	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) 10.2 oz (290 g); XT: 14.1 oz (400 g) 32°F to 113°F (0°C to 45°C) XT: -22°F to 131°F (-30°C to 55°C) 95% non-condensing at 122°F (50°C)
Management <ul style="list-style-type: none"> • Configuration • Firmware Upgrade • Analytics 	Nextiva, SConfigurator, or Internet Explorer 6.0 Flash memory for upgrade of video codec and application firmware over the network; remote batch upgrade available through Nextiva Control Center On-board Nextiva analytics processing
Models <ul style="list-style-type: none"> • S1900e-T-AS • S1900e-T-AS-XT 	Compact, high-resolution Ethernet video encoder with on-board analytics* capability 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.

About Verint Video Intelligence Solutions

Verint® Video Intelligence Solutions is the worldwide leader in networked video, a “single source” for virtually every facet of video surveillance operations: from cameras, encoders, and intelligent DVRs to video management, viewing, and analytics software.

Verint. Powering Actionable Intelligence.®

Verint Systems Inc. is a global leader in Actionable Intelligence® solutions and value-added services. More than 10,000 organizations in over 150 countries use our work-force optimization and security intelligence solutions to improve enterprise performance and make the world a safer place. For more information, visit www.verint.com.



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