

Nextiva

Nextiva S1712e Compact, 12-Port Video Encoder



At A Glance:

- 12-port video encoder with dual-stream, MPEG-4 SP video up to 4CIF/15fps or 2CIF/30fps
- Compact 1U form factor
- External power supply and low power consumption for a highly efficient, energy-saving solution
- Automatic camera tampering detection
- Options include 1 bi-directional audio channel or 12 uni-directional audio ports
- Configure and manage using Nextiva or other software management applications

Cost-Effective Video Encoder for Up to 12 Cameras

Nextiva S1712e Feature Set

The Nextiva S1712e is a 12-port video encoder that combines low cost of ownership with a compact, efficient design. The Nextiva S1712e accommodates 12 video streams in a 1U, 6-inch (15-cm) deep enclosure. Ideal for large installations, the S1712e delivers dual stream, MPEG-4 SP or SM4 video up to 4CIF/15 frames per second or 2CIF/30 frames per second. Dual streaming enables video to be viewed at high resolution for excellent image clarity, but stored at lower resolution, optimizing use of storage resources.

The S1712e video server incorporates Verint's industry-leading video encoding technology for superior imagery and optimal bandwidth utilization. A noise reduction filter further reduces bandwidth use, while enhancing image clarity. Automated camera tampering detection rapidly determines when cameras are out of focus, to help ensure that critical images are available and reduce the need to physically examine each camera on site.

SSL-based authentication helps prevent unauthorized access. An RS-232 serial port is provided for integration with access control systems, and an RS-422/485 serial port supports motorized domes and cameras.

Energy Efficient, Longer Life, Lower Cost of Ownership

The Nextiva S1712e features an external power supply, virtually eliminating the need to replace functional encoders because of faulty internal power units. Nextiva S1712e power consumption is just 20W, so it uses far less power than competitive products. This makes the S1712e a highly efficient, energy-saving choice. And the S1712e can be managed using Nextiva Enterprise or third-party video management software (via the Nextiva Advantage SDK), enabling organizations to deploy the video management solutions that best address their budgets and objectives.

Easy to Install, Less Costly to Service

The Nextiva S1712e video server is built for easy installation and operation in virtually any type of video system. These rack-mountable encoders can be placed in an IT closet with other network equipment, plugged into the Ethernet network, and configured individually using Verint's Windows-based SConfigurator software or in batches using Nextiva Control Center.



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 	12 composites, 1 Vpp into 75 ohms NTSC/PAL 4CIF/7.5fps and CIF/30fps programmable BNC female MPEG-4 SP, SM4 Scalable from 352x240 to 704x480 pixels NTSC and 352x288 to 704x576 pixels PAL 12 x 1-30fps NTSC, 1-25fps PAL programmable (full motion) Each stream configurable from 30Kbps to 6Mbps
Serial Port <ul style="list-style-type: none"> • Electrical Levels • Connectors • Operating Mode 	Port 1: RS-232 (max. 230 kbps) Port 2: RS-422/485 2/4 wires (max. 230 kbps) Port 1: DB-9 female (DCE) Port 2: pluggable screw-terminal strip Transparent serial port supporting any asynchronous serial protocol
Alarm & Audio <ul style="list-style-type: none"> • Alarm • Bi-Directional Audio (optional) • Uni-Directional Audio (optional) 	Input: 12 dry contacts Output: 2 relay contacts (48V AC/DC at 100 mA max.) Input: -46 to -3 dBV into 30 kohms (line or microphone) Output: -46 to -3 dBV into 8 ohms min. Connectors: One set of 1/8 in. (3.5 mm) input and output Stereo jacks Input: 12 ports -46 to -3 dBV into 30 kohms (line or microphone) Programmable bias: 0-9V DC 16-bit resolution 8, 16, or 24 KHz sampling rate Connectors: 1 set of 1/8 in. (3.5 mm) input stereo jacks
Power <ul style="list-style-type: none"> • Supply/Voltage 	12V DC +/- 10% (20W)
Physical <ul style="list-style-type: none"> • Enclosure • Dimensions • Weight • Environmental • Humidity 	Metal case with flange mount (black) 17L x 6.1W x 1.7H in. (431.8L x 154.9W x 43.2H mm) 5.3 lbs (2.4 kg) 32°F to 122°F (0°C to 50°C) 95% non-condensing at 122°F (50°C)
Management <ul style="list-style-type: none"> • Configuration • Firmware Upgrade 	Remote: Nextiva, SConfigurator Local: via the serial port using any ASCII terminal Flash memory for upgrade of firmware over the network; remote batch upgrade available through Nextiva Control Center and SConfigurator
Models <ul style="list-style-type: none"> • S1712e-T • S1712e-T-A • S1712e-T-12IA 	12-input IP video encoder With 1 bi-directional audio channel With 12 uni-directional audio ports
Certification and Regulation For information, please visit www.verint.com/S1712e	
Warranty 3-year limited warranty covering parts and labor (for the Americas). Contact your Verint representative for warranty details for other regions.	

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 workforce 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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