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.
### 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**
  - 12 composites, 1 Vpp into 75 ohms NTSC/PAL
  - 4CIF/7.5fps and CIF/30fps programmable
- **Connector**
  - BNC female
- **Compression**
  - MPEG-4 SP, SM4
- **Resolution**
  - Scalable from 352x240 to 704x480 pixels NTSC and 352x288 to 704x576 pixels PAL
- **Frame Rate**
  - 12 x 1-30fps NTSC, 1-25fps PAL programmable (full motion)
- **Bandwidth**
  - Each stream configurable from 30Kbps to 6Mbps

#### Serial Port
- **Electrical Levels**
  - Port 1: RS-232 (max. 230 kbps)
  - Port 2: RS-422/485 2/4 wires (max. 230 kbps)
- **Connectors**
  - Port 1: DB-9 female (DCE)
  - Port 2: pluggable screw-terminal strip
- **Operating Mode**
  - Transparent serial port supporting any asynchronous serial protocol

#### Alarm & Audio
- **Alarm**
  - Input: 12 dry contacts
  - Output: 2 relay contacts (48V AC/DC at 100 mA max.)
  - Output: -46 to -3 dBV into 30 kohms (line or microphone)
- **Bi-Directional Audio (optional)**
  - Input: 12 ports
  - -46 to -3 dBV into 30 kohms (line or microphone)
  - Programmable bias: 0-9V DC
- **Uni-Directional Audio (optional)**
  - 8-bit resolution
  - 6, 16, or 24 KHz sampling rate
  - Connectors: 1 set of 1/8 in. (3.5 mm) input stereo jacks

#### Power
- **Supply/Voltage**
  - 12V DC +/- 10% (20W)

#### Physical
- **Enclosure**
  - Metal case with flange mount (black)
- **Dimensions**
  - 17L x 6.1W x 1.7H in. (431.8L x 154.9W x 43.2H mm)
- **Weight**
  - 5.3 lbs (2.4 kg)
- **Environmental**
  - 32ºF to 122ºF (0ºC to 50ºC)
  - 95% non-condensing at 122ºF (50ºC)

#### Management
- **Configuration**
  - 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
- **S1712e-T**
  - With 1 bi-directional audio channel
- **S1712e-T-A**
  - With 12 uni-directional audio ports

#### Certification and Regulation
For information, please visit [www.verint.com/S1712e](http://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](http://www.verint.com).

---

© 2010 Verint Systems Inc. All Rights Reserved Worldwide.

January 2010