

# Nextiva

## S1724e Compact, 24-Port Video Encoder



### At A Glance:

- 24-port video encoder with MPEG-4 SP or SM4 video stream up to 4CIF/3.75fps or CIF/15fps
- Compact 1U form factor
- External power supply and low power consumption for a highly efficient, energy-saving solution
- Automatic camera tampering detection
- Optional bi-directional audio channel
- Configure and manage using Nextiva or other software management applications

### Cost-Effective Video Encoder for Up to 24 Cameras

#### Nextiva S1724e Feature Set

The Nextiva S1724e is a 24-port video encoder that combines low cost of ownership with a compact, efficient design. The Nextiva S1724e accommodates 24 video streams in a 1U, 6-inch (15-cm) deep enclosure. Ideal for large installations, the S1724 delivers MPEG-4 SP or SM4 single video stream up to 4CIF/3.75 frames per second or CIF/15 frames per second

The S1724e 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 S1724e features an external power supply, virtually eliminating the need to replace functional encoders because of faulty internal power units. Nextiva S1724e power consumption is just 20W, so it uses far less power than competitive products. This makes the S1724e a highly efficient, energy-saving choice. And the S1724e 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 S1724e 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

<b>Network</b> <ul style="list-style-type: none"> <li>• Interface</li> <li>• Connector</li> <li>• Protocols</li> <li>• Security</li> </ul>	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
<b>Video</b> <ul style="list-style-type: none"> <li>• Input</li> <li>• Connector</li> <li>• Compression</li> <li>• Resolution</li> <li>• Frame Rate</li> <li>• Bandwidth</li> </ul>	24 composites, 1 Vpp into 75 ohms NTSC/PAL BNC female MPEG-4 SP, SM4 Scalable from 352x240 to 704x480 pixels NTSC and 352x288 to 704x576 pixels PAL 24 x 1-30fps NTSC, 1-25fps PAL programmable (full motion) Each stream configurable from 30Kbps to 6Mbps
<b>Serial Port</b> <ul style="list-style-type: none"> <li>• Electrical Levels</li> <li>• Connectors</li> <li>• Operating Mode</li> </ul>	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
<b>Alarm &amp; Audio</b> <ul style="list-style-type: none"> <li>• Alarm</li> <li>• Bi-Directional Audio (Optional)</li> </ul>	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: 1 set of 1/8 in. (3.5 mm) input and output stereo jacks
<b>Power</b> <ul style="list-style-type: none"> <li>• Supply/Voltage</li> </ul>	12V DC +/- 10% (24W)
<b>Physical</b> <ul style="list-style-type: none"> <li>• Enclosure</li> <li>• Dimensions</li> <li>• Weight</li> <li>• Environmental</li> <li>• Humidity</li> </ul>	1U 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)
<b>Management</b> <ul style="list-style-type: none"> <li>• Configuration</li> <li>• Firmware Upgrade</li> </ul>	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
<b>Models</b> <ul style="list-style-type: none"> <li>• S1724e-T</li> <li>• S1724e-T-A</li> </ul>	24-input IP video encoder With 1 bi-directional audio channel
<b>Certification and Regulation</b> For information, please visit <a href="http://www.verint.com/S1724e">www.verint.com/S1724e</a> .	
<b>Warranty</b> 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.®

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June 2011