Nextiva S1724e

Ethernet Video Server for High Port Count Applications

The Nextiva™ S1724e is a highly scalable Ethernet video server optimized for high port counts and designed for video monitoring and surveillance over IP networks.

Built on accepted industry standards, Nextiva S1724e Intelligent Edge Devices provide high availability and easy interoperability with your IT and enterprise systems.

Easy to Configure and Manage

Nextiva Control Center, an easy-to-use management portal, simplifies deployment and enables you to configure and administer your S1724e from a single location and application. Nextiva HealthCheck™ continuously monitors the performance of the S1724e, with automated diagnostics and problem correction for greater uptime and lower service costs.

The Nextiva S1724e can also be configured and managed using Verint® nDVR™ or Verint Loronix Video Manager™.

Nextiva S1724e Intelligent Edge Devices add value to your existing video investments and provide a path for growth.

Verint. Powering Actionable Intelligence.®

Verint Systems (NASDAQ: VRNT) is a leading global provider of analytic software-based solutions for communications interception, networked video, and business intelligence. Verint solutions transform voice, video, and text into *actionable intelligence* — timely, mission-critical insights for achieving strategic goals.

Since 1994, Verint has been committed to developing innovative solutions that help our customers achieve their most important objectives. Today, more than 1000 organizations in over 50 countries use Verint's actionable intelligence solutions to enhance security, boost operational efficiency, and fuel profitability.

Nextiva Intelligent Edge Devices address security and performance challenges across a wide range of environments and applications.

The Nextiva S1724e Ethernet Video Server is a cost-effective solution for high port count applications.

KEY FEATURES

- ✔ Cost-effective, 24-port encoder
- ✔ MPEG-4 SP video up to 4CIF, 30 FPS
- ✔ Compact design accommodates 24 video streams in a 1U, 6-inch (15-cm) deep enclosure
- ✔ RS-422/485 serial port to support motorized domes and cameras
- ✔ SSL-based authentication
- ✔ Automated configuration, health monitoring, and diagnostics with Nextiva

Nextiva S1724e

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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	24 composites, 1 Vpp into 75 ohms (NTSC/PAL)
Connectors	BNC female connectors
Compression	MPEG-4 SP
Resolution	Scalable from 352 x 240 to 704 x 480 NTSC pixels (352 x 288 to 704 x 576 PAL pixels)
Frame Rate	24 inputs at 1-30 FPS in NTSC (1-25 FPS in PAL) programmable (full motion)
Bandwidth	Each stream configurable 30 kbps to 6 mbps

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 AND AUDIO

Alarm	Input: 12 dry contacts
	Output: 2 relay contacts (48V AC/DC at 100 mA max.)
Bi-directional Audio (optional)	Input: -46 to -3 dBV into 30 kOhm (line or microphone input)
	Output: -46 to -3 dBV into 8 ohms min.
	Connectors: One set of 1/8 in. (3.5 mm) input and output stereo jacks.

POWER

Supply Voltage	12V DC +/- 10% 24W

PHYSICAL

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

MANAGEMENT

Configuration *	Remote: via Nextiva, nDVR, Loronix Video Manager, SConfigurator, or Telnet
	Local: via the serial port using any ASCII terminal
Firmware Upgrade	Flash memory for upgrade of video codec and application firmware over the network; remote batch upgrade available through Nextiva Control Center

CERTIFICATION AND REGULATION

USA	UL, FCC part 15 (subpart B, class A)
Canada	ICES-003/NMB-003 class A
Europe	CE marked, EN 55022:1998 class A, EN 55024

MODELS

S1724e-T	24-input, Ethernet video server
S1724e-T-A	With 1 bi-directional audio channel

WARRANTY

	3-year limited warranty, covering parts and labor

* Product capabilities are enabled through software.

Contact your Verint representative for specific configurations, ordering codes, and pricing information.

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