Nextiva S1712e

Ethernet Video Server for High Port Count Applications

The Nextiva™ S1712e is a cost-effective Ethernet video server optimised for high port counts and designed for video monitoring and surveillance over IP networks.

Built on accepted industry standards, Nextiva S1712e Intelligent Edge Devices provide high availability and easy interoperability with your IT and enterprise systems. The S1712e is also firmware upgradeable, for long-term investment protection.

Easy to Configure and Manage

Nextiva Control Centre, an easy-to-use management portal, simplifies deployment and enables you to configure and administer your S1712e from a single location and application. Nextiva HealthCheck™ continuously monitors the performance of the S1712e, with automated diagnostics and problem correction for greater uptime and lower service costs.

The Nextiva S1712e can also be configured and managed using Verint® nDVR™ or Verint Loronix Video Manager™.

Nextiva S1712e 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 organisations in over 50 countries use Verint's actionable intelligence solutions to enhance security, boost operational efficiency, and fuel profitability.

KEY FEATURES

- ✔ Cost-effective, 12-port encoder

- ✔ Dual-stream, MPEG-4 SP video with a maximum resolution of 4CIF, 25 FPS

- ✔ Optional bi-directional audio interface

- ✔ Compact design accommodates 12 video streams in a 1U, 6-inch (15-cm) deep enclosure

- ✔ SSL-based authentication

- ✔ Automated configuration, health monitoring, and diagnostics with Nextiva

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

The Nextiva S1712e Ethernet Video Server is a cost-effective solution for high port count applications.

Nextiva S1712e

VERINT
POWERING ACTIONABLE INTELLIGENCE®

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)
Dual Stream	4CIF, 25 FPS and CIF, 12.5 FPS programmable
Connectors	BNC female connectors
Compression	MPEG-4 SP
Resolution	Scalable from 352 x 288 to 704 x 576 PAL pixels
Frame Rate	12 x 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)	1 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 3.5 mm (0.14 in.) input and output stereo jacks

Uni-directional Audio (optional)	12 inputs: -46 to -3 dBV into 30 kOhm (line or microphone input)
	Programmable bias: 0-9V DC
	16-bit resolution
	8, 16, or 24 KHz sampling rate
	Connectors: 12 1/8 in. (3.5 mm) input stereo jacks

POWER

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

PHYSICAL

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

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 Centre

CERTIFICATION AND REGULATION

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

MODELS

S1712e-T	12-input, Ethernet video server
S1712e-T-A	With 1 bi-directional audio channel
S1712e-T-12iA	With 12 uni-directional audio inputs

WARRANTY

3-year limited warranty, covering parts and labour

* Product capabilities are enabled through software.

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

Email: marketing.emea@verint.com
Phone: +44(0)1932 839500
Or on the web: www.verint.com
241 Brooklands Road, Weybridge, Surrey, KT13 0RH, UK.

July 2006

VERINT
POWERING ACTIONABLE INTELLIGENCE®