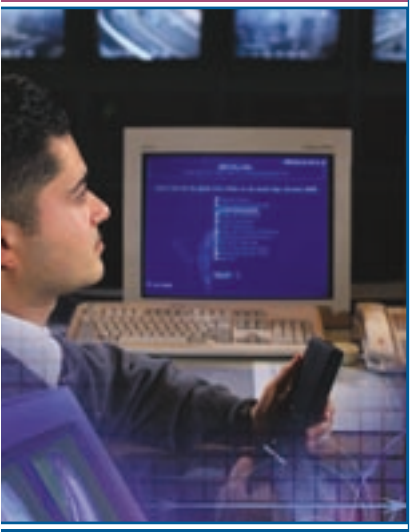

DIGITAL.
DISTRIBUTED.
NETWORKED.

Verint Nextiva S1508e

8-INPUT ETHERNET VIDEO SERVERS

Product Overview

The S1508e server provides a cost effective solution for applications where a high concentration of cameras are terminated within the same area.

The S1508e video server delivers high-quality, MPEG-4-based, low bandwidth video over 10/100Base-T networks using cat 5, fibre optic, and wireless media. The servers can easily be extended over local and wide area networks (LANs and WANs) or the Internet using ISDN, PSTN, or xDSL routers.

The S1508e compact design enables eight dualstream video inputs within a 1U, 6" depth enclosure. Multiple units can be rack-mounted on one or both sides of a standard 19" cabinet.

The video servers come in two versions: a video encoder (S1504e-T) with four analogue video input at 25 frames per second (fps) each; a video encoder (S1508e-T) with eight analogue video inputs at 12.5 fps each.

Configuration and management are made easy with the Verint Nextiva™, nDVR™, Loronix Video Manager™, or SConfigurator™ software.

- ✔ Compact footprint: eight input video streams in 1U enclosure
- ✔ Dual-stream, high-resolution MPEG- 4-based video for each input
- ✔ Scalable resolution from 176 x 144 to 704 x 576 PAL pixels
- ✔ All firmware upgradeable via the network (including the video codec)
- ✔ User selection of RTP/IP, UDP/IP, TCP/IP, or multicast streaming
- ✔ SSL-based user authentication
- ✔ RS-232 serial port for integration to access control systems
- ✔ RS-422/485 serial port to support motorised domes and cameras
- ✔ Eight discrete alarm inputs and two relay outputs
- ✔ Video loss alarm
- ✔ Optional bidirectional audio interface supporting microphone or line-level input, and headphone or line-level output

Verint Nextiva S1508e

8-INPUT ETHERNET VIDEO SERVERS

NETWORK

Interface	Ethernet 10/100Base-T
Connector	RJ-45 jack
Protocols	Transport: RTP/IP, UDP/IP, TCP/IP, or multicast IP Others: DNS and DHCP client
Security	SSL-based authentication

VIDEO

Input	S1508e-T: 8 composites, 1 Vpp into 75 ohms (PAL/NTSC) S1504e-T: 4 composites, 1 Vpp into 75 ohms (PAL/NTSC)
Output (optional)	1 Vpp into 75 ohms (PAL/NTSC)
Connectors	BNC female connectors
Termination	Switchable 75-ohm video termination per input
Compression	MPEG-4-based
Resolution Frame rate	Scalable from 176 x 144 to 704 x 576 PAL pixels S1508e: 8 at 1-12.5 fps programmable S1504e: 4 at 1-25 fps programmable (full motion)
Bandwidth	Configurable between 30 kbps and 4 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 Port 2: pluggable screw-terminal strip
Operating mode	Transparent serial port supporting any asynchronous serial protocol

ALARM AND AUDIO

Alarm	Input: 8 dry contacts
Output:	2 relay contacts (48V AC/DC at 100 mA max.)
Bidirectional audio (optional)	Input: -46 to -3 dBV into 1 kOhm Output: -46 to -3 dBV into 16 ohms min.
Audio connectors	One set of 0.14 in. (3.5 mm) input and output stereo jacks

POWER

Supply voltage	12V DC +/- 10%
Consumption	31W (2.6A at 12V DC)

PHYSICAL

Enclosure	Metal case with flange mount (black colour)
Size	17L x 6.1W x 1.7H in. (431.8L x 154.9W x 43.2H mm)
Weight	5.6 lbs (2.6 kg)
Environmenta	32°F to 122°F (0°C to 50°C)
Humidity	95% non condensing at 122°F (50°C)

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

CERTIFICATION AND REGULATION

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

WARRANTY

	3-year limited warranty, covering parts and labour

ORDERING

Part number	S1508e-T
Description	High resolution Ethernet video server encoder with 8 inputs
Part number	S1508e-T-A
Description	High resolution Ethernet video server encoder with 8 inputs and audio
Part number	S1504e-T
Description	High resolution Ethernet video server encoder with 4 inputs
Part number	S1504e-T-A
Description	High resolution Ethernet video server encoder with 4 inputs and audio
Part number	-V
Description	Can be added to the above ordering codes to include a video output port

OPTIONAL ACCESSORY

Part number	PDP10
Description	19-inch (48-cm) power distribution panel rack mount. Supports up to ten S1508e/S1504e encoders
Part number	PS1280
Description	High capacity power supply for rack mount installations (to be used with PDP10)

* Product capabilities are enabled through software.

By providing this document, Verint Systems Inc. is not making any representations regarding the correctness or completeness of its contents and reserves the right to alter this document at any time without notice.

Verint, Actionable Intelligence, BehaviorTrack, Dellis, HealthCheck, Lanex, Loronix, Loronix Video Manager, MotionTrack, microDVR, nDVR, netDVR, Nextiva, Powering Actionable Intelligence, RP Security, Safe on the Move, SmartSight, Video Manager, and WebReview are trademarks of Verint Systems Inc., its subsidiaries or affiliates. All other registered trademarks, trademarks, and any associated logos are the properties of their respective owners.

© 2005 Verint Systems Inc. All rights reserved.

Call us at: +44 (0) 1932 839 500
Email: marketing.emea@verint.com
Or on the web at: www.verint.com
Verint Systems, 241 Brooklands Road, Weybridge, Surrey KT13 0RH.

VERINT
POWERING ACTIONABLE INTELLIGENCE®