

Verint Nextiva S1500e

ETHERNET VIDEO SERVERS



DIGITAL.
DISTRIBUTED.
NETWORKED.

Product Overview

The S1500e is designed for video monitoring and surveillance over IP networks. It delivers high-quality MPEG-4-based 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. These Ethernet video servers are built on open standards and are entirely firmware upgradeable to provide longterm investment protection.

The S1500e video servers come in three versions: a video encoder (S1500e-T) with one analogue video input at 25 frames per second (fps); a video encoder (S1502e-T) with two analogue video inputs at 12.5 fps; and a video decoder (S1500e-R) with one analogue video output (PAL/NTSC).

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

- ✓ First industrial CCTV solution allowing cost effective migration of analogue CCTV cameras to IP networks
- ✓ All firmware upgradeable via the network (including the video codec)
- ✓ User selection of RTP/IP, UDP/IP, TCP/IP, or multicast streaming
- ✓ Dual-stream, MPEG-4-based video for each input
- ✓ High resolution, "all lines" (352 x 576 pixels) video streaming at 25 fields per second
- ✓ Scalable resolution from 176 x 144 pixels to 704 x 576 PAL pixels
- ✓ RS-232 serial port for integration to access control systems
- ✓ RS-422/485 serial port to support motorised domes and cameras
- ✓ 3 discrete alarm inputs and 1 relay output
- ✓ Optional bidirectional audio interface supporting microphone or line-level input, and headphone or line-level output
- ✓ Video loss alarm
- ✓ SSL-based user authentication

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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	S1500e-T: 1 composite, 1 Vpp into 75 ohms (PAL/NTSC) S1502e-T: 2 composites, 1 Vpp into 75 ohms (PAL/NTSC)
Output	S1500e-R: 1 composite, 1 Vpp into 75 ohms (PAL/NTSC)
Connectors	BNC female
Compression	MPEG-4-based
Resolution	Scalable from 176 x 144 to 704 x 576 PAL pixels
Frame rate *	S1500e: 1-25 fps programmable (full motion) S1502e: 2 at 12.5 fps programmable
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: 3 dry contact inputs Output: 1 relay contact output (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	0.14 in. (3.5 mm) input and output stereo jacks

POWER

Supply voltage	12V DC +/- 10%
Consumption	6W (up to 500 mA at 12V DC)

PHYSICAL

Enclosure	Metal case with flange mount (black colour)
Size	4.5L x 5.6W x 1.25H in. (115L x 142W x 32H mm)
Weight	0.84 lbs (0.38 kg)
Environmental	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
USA	FCC part 15 (subpart B, class A)
Canada	ICES-003/NMB-003

WARRANTY

	3-year limited warranty, covering parts and labour
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ORDERING

Part number	S1500e-T
Description	Ethernet video server encoder
Part number	S1500e-R
Description	Ethernet video server decoder
Part number	S1500e-T-A
Description	Ethernet video server encoder with audio
Part number	S1500e-R-A
Description	Ethernet video server decoder with audio
Part number	S1502e-T
Description	Ethernet video server encoder with 2 video inputs
Part number	S1502e-T-A
Description	Ethernet video server encoder with 2 video inputs and audio
Part number	S1500e-T-XT
Description	Ethernet video server encoder with extended temperature range of -22°F to 144°F (-30°C to 60°C)
Part number	S1500e-T-A-XT
Description	Ethernet video server encoder with extended temperature range of -22°F to 144°F (-30°C to 60°C) and audio

OPTIONAL ACCESSORY

Part number	SRM10
Description	Standard black anodised 19-inch (48-cm) rackmount panel (for 10 modules)

* The S1500e offers two independent programmable streams per video input.

** Product capabilities are enabled through software.

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