

# Nextiva S1704e

## DVD-Quality Ethernet Video Server with On-Board Analytics

The Nextiva™ S1704e is a high-performance, DVD-quality Ethernet video server with on-board analytics, designed for video monitoring and surveillance over IP networks.

The S1704e can deliver up to 4CIF, 25 Frames Per Second (FPS) for multi-camera applications requiring optimal image quality. With MPEG-4 SP video compression, dynamic bandwidth allocation, and dual streaming capabilities, the Nextiva S1704e helps optimise use of valuable network resources.

The Nextiva S1704e also features sophisticated on-board analytics, fully integrated with the Nextiva platform and applications. These analytics “at the edge” can dramatically reduce video transport and storage requirements and leverage all Nextiva capabilities, including automated health monitoring, event notification, and rules-based video distribution.

### Easy to Configure and Manage

Nextiva Control Centre, an easy-to-use management portal, simplifies deployment and enables you to configure and administer your S1704e from a single location and application. The Nextiva S1704e can also be configured and managed using Verint® nDVR™ or Verint Loronix Video Manager™.

### 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

- ✓ DVD-quality, 4-port encoder
- ✓ Dual streaming, MPEG-4 SP compression, and dynamic bandwidth allocation to optimise network use
- ✓ SSL-based authentication for enhanced security
- ✓ RS-232 serial port for integration with access control systems
- ✓ RS-422/485 serial port to support motorised domes and cameras
- ✓ 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 S1704e offers DVD-quality images with high frame rates and a lower cost per port.

Nextiva S1704e



## 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	4 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	4 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	1 input (optional 12 input ports): -46 to -3 dBV (optional) into 30 kOhm (line or microphone input) Output: -46 to -3 dBV into 8 ohms min. Connectors: One set of 3.5 mm (1/8 in) input and output stereo jacks

### POWER

Supply Voltage	12V DC +/- 10% (17W)
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### 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	5.3 lb (2.4 kg)
Environmental	0°C to 50°C (32°F to 122°F)
Humidity	95% non-condensing at 50°C (122°F)

### 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

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

### MODELS

S1704e-T-AS	4-input, DVD-quality Ethernet video server
S1704e-T-A-AS	With on-board analytics and 1 bi-directional audio channel

### WARRANTY

3-year limited warranty, covering parts

\* Product capabilities are enabled through software.

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

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