Nextiva

S1970e-R
Compact Decoder for Single, Quad, or Guard Tour Display

The Nextiva™ S1970e-R is a highly compact, single-output decoder that helps organizations leverage the power of IP-based digital video without sacrificing investments in analog technology.

Designed to deliver DVD-quality video to analog monitors, this powerful edge device lets users view video from a single camera or view up to four video streams in quad or guard tour viewing mode. Additionally, users can determine how cameras are sequenced during guard tour viewing, to address the specific security challenges of various environments and situations.
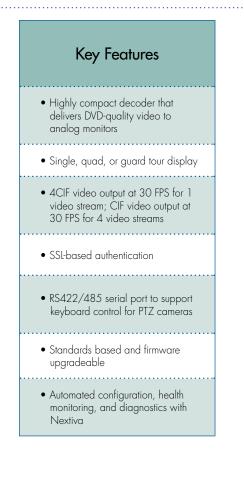
Easy to Configure and Manage
The S1970e-R is built on accepted industry standards for easy interoperability with existing IT infrastructure and video equipment.

Nextiva Control Center, an easy-to-use management portal, simplifies deployment and enables configuration and administration of the S1970e-R from a single location and application. The S1970e-R can also be configured and managed using nDVR™ or Loronix Video Manager™.

Nextiva HealthCheck™ continuously monitors the performance of the S1970e-R, with automated diagnostics and problem correction for greater uptime and lower service costs.

Part of the Nextiva portfolio of Intelligent Edge Devices, the S1970e-R adds value to existing investments and delivers superior functionality, flexibility, and value.

Key Features

- Highly compact decoder that delivers DVD-quality video to analog monitors

- Single, quad, or guard tour display

- 4CIF video output at 30 FPS for 1 video stream; CIF video output at 30 FPS for 4 video streams

- SSL-based authentication

- RS422/485 serial port to support keyboard control for PTZ cameras

- Standards based and firmware upgradeable

- Automated configuration, health monitoring, and diagnostics with Nextiva

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 and DHCP client
Security	SSL-based authentication

VIDEO

Output	1 composite, 1 Vpp into 75 ohms (NTSC/PAL)
Connector	BNC female
Compression	MPEG-4 SP
Resolution	Scalable from 176x128 to 704x480 pixels NTSC and 176x144 to 704x576 pixels PAL
Frame Rate	1-30 FPS programmable (full motion)
Bandwidth	Configurable 30 Kbps to 6 Mbps

ALARM AND AUDIO

Alarm	Input: 1 dry contacts
	Output: 1 relay contact
	(48V AC/DC at 100 mA max.)
Bi-Directional Audio	Input: -46 to -3 dBV into 30 kOhm (line or microphone input)
	Output: -46 to -3 dBV into 8 ohms min.
Audio Connectors	0.14 in. (3.5 mm) stereo jacks

SERIAL PORT

Electrical Levels	RS422/485 2/4 wires
Connector	5-position terminal strip
Operating Mode	Transparent serial port supporting any asynchronous serial protocol

POWER

Supply Voltage	12VDC ±10% (5 W)

PHYSICAL

Size	4.2 x 3.5 x 1.7 in. (106 x 90 x 42 mm)
Weight	8.7 oz (248 g)
Environmental	32¼F to 122¼F (0¼C to 50¼C)
Humidity	95% non-condensing at 122¼F (50¼C)

MANAGEMENT

Configuration	Nextiva, nDVR, Loronix Video Manager, or SConfigurator
Firmware Upgrade	Flash memory for upgrade of video codec and application firmware over the network

CERTIFICATIONS

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

MODELS

S1970e-R	Compact, DVD-quality Ethernet video server with 1 bi-directional audio channel; power supply included
S1970e-R-XT	With extended temperature range (-30 to +60°C); power supply included

WARRANTY

	3-year limited warranty, covering parts and labor