

Verint S1712e Compact, 12-Port Video Encoder

Cost-Effective Video Encoder for Up to 12 Cameras

Verint S1712e Feature Set

The Verint S1712e is a 12-port video encoder that combines low cost of ownership with a compact, efficient design. The Verint S1712e accommodates 12 video streams in a 1U, 6-inch (15-cm) deep enclosure. Ideal for large installations, the S1712e delivers dual stream, MPEG-4 SP or SM4 video up to 4CIF/15 frames per second or 2CIF/30 frames per second. Dual streaming enables video to be viewed at high resolution for excellent image clarity, but stored at lower resolution, optimizing use of storage resources.

The S1712e video server incorporates Verint's industry-leading video encoding technology for superior imagery and optimal bandwidth utilization. A noise reduction filter further reduces bandwidth use, while enhancing image clarity. Automated camera tampering detection rapidly determines when cameras are out of focus, to help ensure that critical images are available and reduce the need to physically examine each camera on site.

SSL-based authentication helps prevent unauthorized access. An RS-232 serial port is provided for integration with access control systems, and an RS-422/485 serial port supports motorized domes and cameras.

Energy Efficient, Longer Life, Lower Cost of Ownership

The Verint S1712e features an external power supply, virtually eliminating the need to replace functional encoders because of faulty internal power units. Verint S1712e power consumption is just 20W, so it uses far less power than competitive products. This makes the S1712e a highly efficient, energy-saving choice. And the S1712e can be managed using Verint Enterprise Video Management Software (VMS) or third-party video management software, enabling organizations to deploy the video management solutions that best address their budgets and objectives.

Easy to Install, Less Costly to Service

The Verint S1712e video server is built for easy installation and operation in virtually any type of video system. These rack-mountable encoders can be placed in an IT closet with other network equipment, plugged into the Ethernet network, and configured individually using Verint's Windows-based SConfigurator software or in batches using Verint Enterprise VMS Control Center.



Key Benefits

- 12-port video encoder with dual-stream, MPEG-4 SP video up to 4CIF/15fps or 2CIF/30fps
- Compact 1U form factor
- External power supply and low power consumption for a highly efficient, energy-saving solution
- Automatic camera tampering detection
- Options include 1 bi-directional audio channel or 12 uni-directional audio ports
- Configure and manage using Verint VMS or other software management applications

TECHNICAL SPECIFICATIONS	
VIDEO	
• Input	12 composites, 1 Vpp into 75 ohms NTSC/PAL
• Dual Stream	4CIF/7.5fps and CIF/30fps programmable
• Connector	BNC female
• Compression	MPEG-4 SP, SM4
• Resolution	Scalable from 352x240 to 704x480 pixels NTSC and 352x288 to 704x576 pixels PAL
• Frame Rate	12 x 1-30fps NTSC, 1-25fps PAL programmable (full motion)
• Bandwidth	Each stream configurable from 30Kbps to 6Mbps
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
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	
• Inputs/Output	12 inputs / 2 relay output
AUDIO	
• Bi-Directional Audio (optional)	Input: -46 to -3 dBV into 30 kohms (line or microphone) Output: -46 to -3 dBV into 8 ohms min. Connectors: One set of 1/8 in. (3.5 mm) input and output; Stereo jacks
• Uni-Directional Audio (optional)	Input: 12 ports; -46 to -3 dBV into 30 kohms (line or microphone) Programmable bias: 0-9V DC; 16-bit resolution; 8, 16, or 24 KHz sampling rate Connectors: 1 set of 1/8 in. (3.5 mm) input stereo jacks
MANAGEMENT	
• Configuration	Remote: Verint, SConfigurator Local: via the serial port using any ASCII terminal
• Firmware Upgrade	Flash memory for upgrade of firmware over the network; remote batch upgrade available through Verint Enterprise VMS Control Center and SConfigurator
POWER	
• Supply/Voltage	12V DC +/- 10% (20W)
PHYSICAL	
• Enclosure	Metal case with flange mount (black)
• Dimensions	17L x 6.1W x 1.7H in. (431.8L x 154.9W x 43.2H mm)
• Weight	5.3 lbs (2.4 kg)
• Environmental	32°F to 122°F (0°C to 50°C)
• Humidity	95% non-condensing at 122°F (50°C)

World-Class Service and Support

At Verint, we are dedicated to the success of our partners and customers. To this end, we've developed world-class customer support programs and service offerings. Staffed by Verint experts in all facets of networked video deployment and use, Verint's Customer Support Program features live technical support, web-based resources, advanced replacements and a host of on-site professional services.

Verint. Powering Actionable Intelligence®

Verint® Systems Inc. (NASDAQ: VRNT) is a global leader in Actionable Intelligence® solutions for customer engagement optimization, security intelligence, and fraud, risk and compliance. Today, more than 10,000 organizations in over 180 countries use Verint solutions to improve enterprise performance and make the world a safer place. Learn more at www.verint.com.

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