

Verint S1801e-R Single-Port Decoders with H.264 & High-Definition Technology

Verint® Video Intelligence Solutions™ S1801e-R single-port decoders incorporate advanced H.264 decompression technology to deliver superior video quality and excellent performance in enterprise, critical infrastructure, and other video surveillance applications.

Designed for use with all Verint S1800e Series single- and multi-port encoders and S5000 IP Cameras, the S1801e-R is ideal for integration in distributed networks, including point-to-point applications. These compact decoders support six H.264 video streams, displaying up to six tiles on traditional CCTV monitors and on high-definition LCD or plasma monitors. With excellent video quality – up to D1/30fps on every stream – the S1801e-R provides the high reliability of Verint's third-generation edge devices, plus IT-friendly features, easy implementation and maintenance, and a compact, environmentally friendly design.

IT Friendly and Easy to Manage

You can manage your S1801e-R decoders just as you would any other enterprise IT asset. SNMP facilitates integration with IT infrastructures, and an embedded Linux operating system provides superior security and reliability. Designed for easy installation and operation in any environment, the Verint S1801e-R can be configured using Verint Enterprise VMS Control Center, Verint SConfigurator™ software, or a Verint Web browser interface. And, like all Verint S1800e Series devices, the S1801e-R is fully integrated with Verint Enterprise Video Management Software (VMS) – centralized device management, automated health monitoring, remote video viewing, and more – making it easier to manage geographically-dispersed video operations and devices that are located in isolated or hard-to-reach locations.

Energy Efficient, with a Light Environmental Footprint

The compact, lightweight S1801e-R has a metal enclosure and is supplied with an external power supply for reduced energy consumption. These enterprise-class decoders are also certified compliant with RoHS, UL, CE, and other widely accepted safety and environmental standards and directives.

Advanced Video Technology with Lowest TCO

Verint is at the forefront of networked video technology, with nearly two decades of experience providing security intelligence solutions to government and industry worldwide. With the S1801e-R, Verint delivers versatile edge devices built on the latest video technologies, integrated with the industry's broadest video portfolio, and built for the lowest cost of ownership and operation. Designed to enhance any video network, these decoders help organizations realize the benefits of IP video using their legacy video investments.



Key Benefits

- Single-port video decoder for displaying video on analog or high-definition monitors
- Displays up to 6 video tiles at D1/30fps each, for excellent video quality
- Enables organizations to realize the benefits of IP video without discarding their existing video investments
- Reliable and IT friendly, with SNMP, an embedded Linux operating system, and flexible configuration and maintenance
- Compatible with Verint VMS and a web interface for implementation and configuration
- Compact, energy efficient, and environmentally friendly

TECHNICAL SPECIFICATIONS		
	Verint S1801e-R	Verint S1801e-R-HD
VIDEO		
• Outputs/Connectors	1 composite, 1 Vpp into 75 ohms NTSC/PAL, BNC female	HDMI with an output format of up to 1080i (1920x1080@30fps)
• Performance	4 X D1/30fps	6 X D1/30fps or 1X1080i
• Resolution	From CIF (352x240 pixels for NTSC; 352x288 pixels for PAL) to D1 (720x480 pixels for NTSC; 720x576 pixels for PAL)	Upscaling from SD to 480p (480x480), 1080i (1920x1080)
• Compression	H.264 (MPEG-4 Part 10/AVC) Main Profile	
• Tiles	Maximum of 4 tiles on 1 monitor Tiles display options: 1x1, 2x2	Maximum of 6 tiles on 1 monitor Tiles display options: 1x1, 2x2, 3x2
• Video Latency	115msec	
NETWORK		
• Interface	RJ-45, Ethernet 10/100 Base-T	
• Protocols	Transport: RTP/IP, UDP/IP, TCP/IP, RTSP, or multicast IP Others: DNS, NTP, SNMP v1/v2c/v3 (MIB-II), HTTP, HTTPS, DHCP client, 802.1x	
• Security	SSL-based authentication, password protected, HTTPS	
SERIAL PORTS		
• Electrical Levels	Port 1: RS-232 (max. 230 kbps) pluggable clip-terminal strip or RS-422/485 2/4 wires (max. 230 kbps) pluggable clip-terminal strip	
• Operating Mode	Transparent serial port supporting any asynchronous serial protocol	
ALARM		
• Inputs/Output	2 inputs / 1 relay output	
AUDIO		
• Bi-Directional Audio	Input: -46 to -3 dBV into 30 Kohms (line or microphone input) Output: -46 to -3dBV into 16 ohms min.	
• Connectors	1/8 in. (3.5 mm) stereo jacks	
MANAGEMENT		
• Configuration and Firmware Upgrade	Supported through Verint Enterprise VMS Control Center (single device and batch mode firmware upgrade), SConfigurator and Web browser interface (single device firmware upgrade)	
POWER		
• Supply/Voltage	12V DC +/- 10%	
• Power Consumption	Max. 4W	
PHYSICAL		
• Dimensions	4.2L x 3.5W x 1.7H in. (106L x 90W x 42H mm)	
• Weight	9.2 oz. (260 g)	
• Operating Temperature	32°F to 140°F (0°C to 60°C)	
• Humidity	95% non-condensing at 122°F (50°C)	
• Firmware	Embedded Linux-based operating system	

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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