Verint EdgeVR 80 Network Video Recorder (Analog/IP)

Verint® EdgeVR 80 is an enterprise-class, IP-based NVR designed for large-scale, geographically distributed operations. Available with hybrid IP/analog capabilities, this true IP video solution more readily scales to IP video operations than analog-based, hybrid NVRs, for greater long-term value and lower migration costs. And with all of the features that you've come to expect in a Verint network video recorder — high-quality imagery, optimized bandwidth utilization, a secure embedded operating system, and industry-leading system interfaces — EdgeVR delivers superior performance and unsurpassed value.

Hybrid System and Superior H.264 Performance

EdgeVR 80 delivers high-resolution images for both recording and live video viewing. Built with an innovative and powerful H.264 video compression engine, EdgeVR provides superior video quality at significantly lower bit rates, reducing storage and bandwidth requirements. Available with a hybrid analog/IP video option, this intelligent NVR can support up to 12 IP and analog video cameras. And EdgeVR is fully integrated with Verint's industry-leading IP cameras, so it can be easily incorporated in almost any security surveillance system.

Ideal for Large-Scale Video Operations

Built on Verint expertise from more than 80,000 DVR implementations, EdgeVR provides the reliability, scalability, and flexibility that large-scale operations need. The EdgeVR 80 features RAID support, an embedded operating system for superior security, redundancy, and reliability. This high-performance NVR also provides powerful programming capabilities, flexible storage options, and the ability to set different resolutions, frame rates, and image retention for general surveillance, motion detection, transactions, and alarms.

The EdgeVR 80 features the Vid-Center Embedded application that allows users to control one monitor output and view up to 12 camera inputs. The Verint EdgeVR 80 is operated by Verint's easy-to-use Verint EdgeVMS Op-Center for centralized, enterprise-wide NVR management and Verint Video Investigator for remote, enterprise-wide NVR viewing. Users can search for and view video by time, date, transaction, or event to quickly pinpoint video of interest.

Key Features:

- Superior performance and unsurpassed value

- **Eases IP video migration:** IP-based, with hybrid analog/IP option and support for up to 12 cameras (includes analog, IP and megapixel cameras)

- **Advanced video quality:** State-of-the-art H.264 video compression delivers up to 360 fps

- **Flexible storage options:** RAID1, removable 2.5in HDD, up to 4 TB of space, and multiple recording schedules

- **Industry-leading interfaces:** ATM, Point-of-Sale, teller, alarm, and other business and security systems

- **Trusted reliability:** A Linux embedded operating system and robust application firmware

- **Ease of use:** Operates with Verint Video Investigator for investigation/monitoring and with Verint EdgeVMS Op-Center™ for centralized NVR management

- **On-board PoE Switch option:** 60W PoE Budget across 4 Ports

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Verint EdgeVR 80 Technical Specifications

VIDEO	EDGEVR-80	EDGEVR-80-POE
Video Input (IP/Analog)	12 cameras	
Analog Input (NTSC/PAL)	8; BNC, 1 Vpp, configurable 75, ohms, or high impedance	
IP Input Support	0-12	0-12 (4 PoE ports)
Frame Rates	360 fps (Total Recording) Up to 30 fps per input	
Resolution	CIF/2CIF/4CIF/1MP/2MP/3MP/5MP/12MP	
Compression	H.264	

NETWORK		
Interface 1	RJ-45, Ethernet 10/100/1000 Base-T	
Interface 2	RJ-45, Ethernet 10/100/1000 Base-T	
Interface 1	N/A	PoE 4 ports, Ethernet 10/100 Base-T
Data Integration	ATM, POS, teller and alarm systems	
Bandwidth Management	Programmable packet throttling	

STORAGE		
Hard Drives	Up to 2 removable hard drives (2.5in)	
Disk Space	1TB to 4TB	
RAID Options	RAID 1 up to 2TB	
DVD/USB	Local or remotely managed video export on USB key or DVD-RW option	

MONITORS		
Monitor 1	VGA, DVI or Analog (Software configurable), Runs Vid-Center Embedded	

ALARM	EDGEVR-80	EDGEVR-80-POE
Inputs/Output	4 inputs / 1 relay output	
Program	Event-based settings for camera input, schedules, and recording	
File Management	Independent storage settings for alarms; color-coded file and search structures	

AUDIO		
Connection Type	One 3.5mm audio out / one mic in / one line in	
Application Type	Capable of playing back pre-recorded messages sent from Verint Video Investigator	

GENERAL		
Physical Security	Key locked access to hard drives	
LED	All camera status LED, alarm, recording, etc.	
Firmware	Embedded Linux-based operating system; program in flash memory, firmware upgradable	
Compliance	NDAA Compliant	

POWER		
Power Supply	External 12VDC-40W	External 12VDC-108W
Power Consumption	32 W	35 W (Up to 95 W with POE cameras)
Output	12V DC; 500mA	
PoE Power Budget	NA	60W PoE Power Budget 802.3af/802.3at PoE Supported on all 4 Switch Ports

PHYSICAL		
Enclosure	1.5U Metal chassis: wall and rack mountable	
Dimensions	10.3in x 8.1in x 2.3in (26cm x 20.5cm x 6cm)	
Weight	max of 4.6 lbs (2.1 kg)	
Operating Temperature	32° to 113° F (0°- 45° C)	
12Vdc Power Supply included	40W	108W

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.

The Customer Engagement Company™

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