Verint EdgeVR 300 Network Video Recorder (NVR)

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

Hybrid System and Superior H.264 Performance

Verint EdgeVR delivers high-resolution images for both recording and live video viewing. Built with an innovative and powerful H.264 video compression engine, Verint 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 64 IP and analog video cameras. And Verint EdgeVR is fully integrated with industry-leading Verint multi-port video recorders and IP cameras, so it can be easily incorporated in almost any security surveillance system.

Ideal for Large-Scale Video Operations

Built on expertise from more than 80,000 DVR implementations, Verint EdgeVR provides the reliability, scalability, and flexibility that large-scale operations need. Verint EdgeVR features RAID support and an embedded operations 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 Verint EdgeVR 300 features the Verint EdgeVMS Vid-Center application embedded on the NVR that allows users to control two monitor outputs and view up to 16 camera inputs. Users can search for and view video by time, date, transaction, or event to quickly pinpoint video of interest.

The Verint EdgeVR 300 is operated by Verint's easy-to-use Verint EdgeVMS Op-Center for centralized, enterprise-wide NVR management and Verint EdgeVMS Vid-Center for remote, enterprise-wide NVR viewing.

Key Features:

- **Eases IP video migration:** IP-based, with hybrid analog/IP option and support for up to 64 cameras (includes analog, IP and megapixel cameras)

- **Superior video quality:** State-of-the-art H.264 video compression delivers up to 1920 fps

- **HD-over-Coax:** Streamlines high-definition video over coaxial cable for better video imagery

- **Flexible storage options:** RAID1, RAID5, RAID6 and Non-RAID with removable HDD, up to 60TB of space, and multiple recording schedules

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

- **Superior reliability:** A Linux embedded operating system and mature application firmware

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

- **Leverages industry-leading Verint edge devices:** Fully integrated with Verint encoders and IP cameras

- **Powerful analytics:** Optional, powerful surveillance and face detection

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Verint EdgeVR 300 Technical Specifications

VIDEO	
Video Input (IP/Analog)	64 cameras
Analog Input (NTSC/PAL)	0 or 16; BNC, 1 Vpp, configurable 75, ohms, or high impedance
IP Input Support	0-64
Frame Rates	1920 fps (Total Recording) up to 30 fps per input
Resolution	CIF/2CIF/4CIF/1MP/2MP/3MP/5MP
Compression	H.264, HD-CVI (up to 8 cameras)

ANALYTICS	
Surveillance Analytics	Up to 16 channels onboard and via external encoder
Face Detection	Up to 16 channels onboard

NETWORK	
Interface 1	RJ-45, Ethernet 10/100/1000 Base-T
Interface 2	RJ-45, Ethernet 10/100/1000 Base-T
Data Integration	ATM, POS, teller, alarm systems and SR-8 data interface device
Bandwidth Management	Programmable packet throttling

STORAGE	
Hard Drives	Up to 6 removable hard drives (3.5in)
Disk Space	Up to 60TB
RAID Options	RAID 1, RAID 5 and RAID 6
DVD/USB	Local or remotely managed video export on USB key or DVD-RW option

MONITORS	
Monitor 1	VGA and DVI (software configurable), Runs Vid-Center Embedded
Monitor 2	DVI connector, up to 1280x1024 digital RGB; Optional analog out using external video splitter

ALARM	
Inputs/Output	4 inputs, 1 relay out
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 Vid-Center

GENERAL	
Physical Security	Key locked access to hard drives
LED	Power, Error, HDD, Connect
Firmware	Embedded Linux-based operating system; program in flash memory, firmware upgradable

POWER	
Input	115/240V; 50/60Hz AC; 5/3A
Output	12V DC; 500mA for SR-8 data device option

PHYSICAL	
Enclosure	3U Metal chassis: rack mountable
Dimensions	15in x 17.5in x 5.25in (48cm x 38cm x 13cm)
Weight	max of 29 lbs (13 kg)
Operating Temperature	32° to 122° F (0°- 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.

The Customer Engagement Company™

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