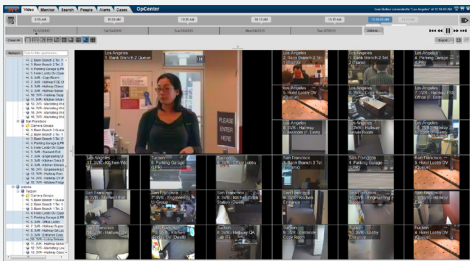


# PRODUCT SPECIFICATION

## 3VR 1000-SERIES



3VR's 1000-series of hybrid network video recorders (HVRs) are an efficient and affordable solution for small-sized installations using analog or IP cameras – or both. The 1000-series is a cost-effective solution that is easy to install, easy to set up, and easy to use. When linked to a larger network, the 1000-series has the ability to connect to a 3VR Enterprise Server for even further expandability.

Pre-loaded with VisionPoint™ VMS video management software, the 1000-series offers seamless integration with POS, Access Control, ATM, Teller, and other external systems. When combined with 3VR's award-winning analytics, the backbone of 3VR's powerful forensic search capabilities, the 1000-series becomes an even more powerful solution providing business intelligence and the ability to find suspects and evidence fast. Whether using as a standalone HVR or with 3VR's Enterprise Server, the 1000-series is an efficient and affordable solution capable of powering a small-sized installation.

### AFFORDABLE HYBRID SOLUTION

- Models include 8 or 16 channels of analog and IP licenses. Mix and match analog and IP cameras based on specific model.<sup>1</sup>
- 16-channel models include 2TBs of storage. 1TB of storage included with 8-channel model.
- Supports analog, IP, megapixel, and PTZ cameras for maximum flexibility.
- High-quality audio and video storage using H.264 compression.

### SEAMLESS INTEGRATION

- Integrates with POS, Access Control, ATM, Teller and other external systems. Custom integration available.
- Most major camera manufacturers connect to 3VR systems. See [www.3vr.com](http://www.3vr.com) for details.

### ENTERPRISE PERFORMANCE

- Use as part of a large enterprise system, or as a standalone NVR. Enterprise server optional.

### COST-EFFECTIVE

- An efficient and affordable solution with support for up to 16 cameras.
- Contains many of the same advanced features as found on other 3VR hybrid NVRs.
- Wall mounts included.

### VIDEO MANAGEMENT

- VisionPoint™ VMS video management software included, featuring 3VR's award-winning interface.
- Case Management, Forensic Search, Live Monitoring, and much more. See VisionPoint™ VMS data sheet.<sup>2</sup>

### VIDEO INTELLIGENCE

- Add video analytics to the 1000-series with support for up to 2 channels of Core or Premium 3VR analytics.<sup>1</sup>
- No extra hardware needed. Analytics and reporting capabilities integrated into system.

<sup>1</sup> For details on the supported combinations of 3VR analytics, IP and analog cameras, including 3VR applications, use the resource calculator at <http://selectionwizard.3vr.com/Resources>. Contact your 3VR Sales Representative with any questions

<sup>2</sup> For information about VisionPoint™ VMS video management software is included with every 3VR appliance, please visit <http://www.3vr.com/products/video-managementsoftware-vms>

# 3VR 1000-SERIES

## Specifications

### ANALOG CAMERA SUPPORT

Analog Recording Resolutions	NTSC: 704x480, 320x240; PAL: 704x576, 352x288
Video Encoding	H.264 (MPEG4 Part 10)
Maximum Images per Second (NTSC/PAL)	30ips/ch at 4CIF
Analog Camera Inputs	8 or 16 inputs
Analog PTZ Control	Pelco-D, Manchester (AD) & Panasonic protocols

### IP CAMERA SUPPORT

IP/MP Cameras Supported	Yes <sup>4</sup>
Maximum Resolution	1920 x 1080
Number of IP Cameras Supported	8 analog/VGA IP or 16 analog/VGA IP
Video Codec Support	H.264
Maximum Images per Second	30ips/ch
IP Camera Licenses	8 or 16, depending on model. Mix and match with analog channels.
IP PTZ Support	Yes <sup>4</sup>

### AUDIO

Analog Audio Inputs	Equal to video inputs
Analog Audio Codec	G.711, 8bit/8kHz, 64kbit/s, unidirectional
IP Camera Audio Support	Yes <sup>4</sup>
IP Supported Codecs	AAC, G.711

### SYSTEMS AND NETWORK MANAGEMENT

Bandwidth Throttling	Yes
Bandwidth Scheduling	Yes
Adaptive Bandwidth Use	Yes, image-only transmission
Remote Connection	TCP/IP (IPv4)
Simultaneous Remote Connections	Unlimited
Remote System Configuration & Management and Health Monitoring	Yes
Enterprise Configuration, Management, Health Monitoring and Health Alerting	Optional with Enterprise Appliance or VisionPoint™ Enterprise Server.
UPS Support	Yes, APC Smart UPS model

### SOFTWARE

Video Management	VisionPoint™ VMS <sup>2</sup>
Software Version	Supports version 7.3+ and above

### THIRD-PARTY INTEGRATION

Third-party Data Integration (e.g. ATM, POS, Access Control, etc.)	Yes <sup>4</sup>
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### STORAGE

Storage Capacity	JBOD: 1TB on 8-channel JBOD: 2TB on 16-channel
Drive Type	SATA

## INPUTS AND OUTPUTS

Type of Camera Inputs	Analog, IP, MP, and PTZ cameras supported. <sup>4</sup>
Monitor Output	1 x VGA and 1 x HDMI
Display Resolution	Up to 1600 x 1200
SpotMonitor	1 x HDMI or 1 x BNC via optional adapter
Network (NIC)	2 x RJ45 Gigabit Ethernet ports
USB	2 front, 1 back USB 2.0, 1 back USB 3.0
Alarm Inputs / Outputs	Via optional dongle
Serial Port	2x (RS-232)
DVD-RW	Optional USB Drive
Keyboard and Mouse	Optional

## PHYSICAL

Dimension (HxWxD)	3.6" x 13.1" x 8.95" (91mm x 33mm x 227mm)
Unit Weight	12 lbs (5.4 kg)
Shipping Weight	15 lbs (6.8 kg)
Mounts	Optional wall mount bracket

## ENVIRONMENTAL AND WARRANTY

Operating Temperature	32° ~ 104° F (0° ~ 40° C)
Heat Dissipation	TBD
Humidity	10 ~ 80% (non-condensing)
Storage Conditions	-4° ~ 140° F (-20° ~ 70° C)
Hardware Warranty	3 years

## ELECTRICAL

Power	100-240 VAC, 400W, 60-50Hz, 7-3.5A
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## Part Numbering:

H	V	R	-	1	0	1	6	-	0	0	2	T	0	
NVR or HVR				Model Number 1000=10			Number of Channels			HDD Storage 001T=1TB 016T=16TB 500G=500GB			RAID or JBOD 1=RAID 0=JBOD	

<sup>1</sup> For details on the supported combinations of 3VR analytics, IP and analog cameras, including 3VR applications, use the resource calculator at <http://selectionwizard.3vr.com/Resources>. Contact your 3VR Sales Representative with any questions

<sup>2</sup> For information about 3VR's VisionPoint™ VMS video management software that is included with every 1000-Series appliance, visit <http://www.3vr.com/products/video-managementsoftware-vms>

<sup>3</sup> For more information on 3VR analytics, visit <http://www.3vr.com/products/video-managementsoftware-vms>

<sup>4</sup> For a list of supported cameras and technology partners, visit <http://www.3vr.com/partners/technologypartners>

<sup>5</sup> For information on optional Alarm inputs, visit <http://www.3vr.com/sites/default/files/archive/files/adaminputintegration.pdf>