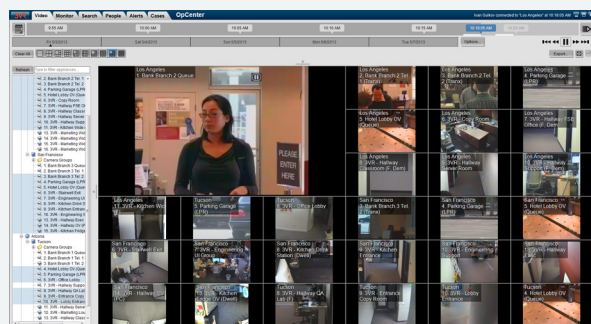


PRODUCT SPECIFICATION

3VR 3000-SERIES



3VR's 3000-series of hybrid network video recorders (NVR/HVR) are a combination of performance and value in a small form factor for small to medium-sized installations using analog or IP cameras – or both. The 3000-series is a reliable solution using enterprise-class hard drives, includes a 3-year warranty on hardware, and has the ability to connect to a 3VR Enterprise Server for further expandability.

Pre-loaded with VisionPoint™ VMS video management software, the 3000-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 3000-series becomes an even more powerful solution providing business intelligence and the ability to find suspects and evidence fast. Whether using as a standalone NVR or hybrid NVR or with 3VR's Enterprise Server, the 3000-series offers performance and value in a compact design.

COMPACT HYBRID SOLUTION

- Hybrid models incorporate 16 analog camera licenses with 4 IP licenses included. NVR models include 16 IP licenses.¹
- Expand system capacity on all models by adding more IP licenses. Up to a total of 48 IP licenses are supported.
- Mix and match analog, IP, megapixel, and PTZ cameras for maximum flexibility.
- High-quality audio and video storage using MPEG-4 or H.264 compression.
- Storage options include 1 or 2TB configurations in a stylish desktop chassis.

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 for details.

ENTERPRISE PERFORMANCE

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

HIGH RELIABILITY

- Real-time health monitoring of cameras, recording, network and hardware.
- Enterprise-class HDDs for reliability.
- 3-year warranty on hardware.

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.²

¹ For details on the supported combinations of 3VR analytics, IP and analog cameras, and 3VR applications, consult the Solutions Overview Guide at <http://www.3vr.com/nvrs>. Contact your 3VR Sales Representative with any questions.

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

3VR 3000-SERIES

Specifications

ANALOG CAMERA SUPPORT (HYBRID MODELS)

Analog Recording Resolutions	NTSC: 704x480, 320x240; PAL: 704x576, 352x288
Video Encoding	H.264 (MPEG-4 Part 10)
Maximum Images per Second (NTSC/PAL)	30ips/ch @ 4CIF (480ips total)
Analog Camera Inputs	16 inputs
Analog PTZ Control	Pelco-D, Manchester (AD) & Panasonic protocols

IP CAMERA SUPPORT (NVR & HYBRID MODELS)

IP/MP Cameras Supported	Yes ⁴
Maximum Resolution	10+ megapixels
Number of IP Cameras Supported	48 VGA, 36 1.3MP (Fewer if analytics are used)
Video Codec Support	H.264/MPEG-4/MJPEG
Maximum Images per Second	30ips/ch
Hybrid IP Camera Licenses	4 IP licenses included
IP PTZ Support	Yes ⁴

AUDIO

Analog Audio Inputs	Equal to analog video inputs
Analog Audio Codec	G.711, 8bit/8kHz, 64kbit/s, unidirectional
IP Camera Audio Support	Yes ⁴
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 ²
Software Version	Supports version 7.2 or above

THIRD-PARTY INTEGRATION

Third-party Data Integration (e.g., ATM, POS, Access Control, etc.)	Yes ⁴
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STORAGE

Storage Capacity	JBOD: 1 or 2 TB models
Drive Type	SATA

INPUTS AND OUTPUTS

Type of Camera Inputs	Analog, IP, MP, and PTZ cameras supported. ⁴
Monitor Output	1 x DE-15 (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 1Gb Ethernet port
USB	2 front/4 back (2x 2.0 / 2x 3.0)
Alarm Inputs / Outputs	Via optional dongle
Serial Port	1x (RS-232/422/485) 1x (RS-232)
DVD-RW	Optional USB Drive
Keyboard and Mouse	Optional

PHYSICAL

Dimension (HxWxD)	3.6" x 13.1" x 8.95" (91mm x 333mm x 227mm)
Unit Weight	12 lbs. (5.4 kg)
Shipping Weight	15 lbs. (6.8 kg)
Mounting	Optional wall mount bracket

ENVIRONMENTAL AND WARRANTY

Operating Temperature	32° ~ 104° F (0° ~ 40° C)
Heat Dissipation	400 BTU/h max (based on 120W PSU)
Operating Humidity	5% to 95% RH (noncondensing)
Storage Conditions	14° to 140°F (-10° to 60°C)
Hardware Warranty	3 years

ELECTRICAL

Power	100-240 VAC, 50-60Hz, 120 watts, 1.3A
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Part Numbering:

H	V	R	-	3	1	0	6	-	0	0	2	T	0
NVR or HVR				Model Number	Number of Channels				HDD Storage			RAID or JBOD	
				3000=30					002T=2TB 016T=16TB 500G=500GB			1=RAID 0=JBOD	

¹ For details on the supported combinations of 3VR analytics, IP cameras, and 3VR applications, consult the Solutions Overview Guide in the Partner Portal: <http://partners.3vr.com/>. Contact your 3VR Sales Representative with any questions.

² For information about VisionPoint™ VMS video management software that is included with every 3000-Series appliance, visit <http://www.3vr.com/products/video-managementsoftware-vms>

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

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

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