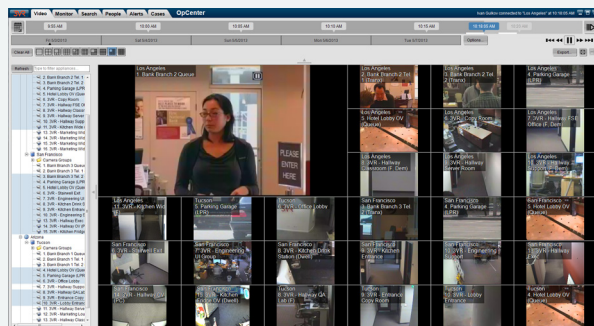


# PRODUCT SPECIFICATION

## 3VR 5500-SERIES



3VR's 5500-series of NVR and hybrid-NVR appliances are unmatched when high performance and scalability are required. The newest addition to 3VR's hardware lineup scales from medium to large-sized installations using analog or IP cameras — or both. If high reliability is a concern, the 5500-series is available in RAID as well as non-RAID configurations using enterprise-class hard drives.

Pre-loaded with VisionPoint™ VMS video management software, the 5500-series has plenty of muscle to run 3VR's award-winning analytics — the backbone of 3VR's powerful forensic search capabilities, or to collect important business intelligence. Whether using as a standalone NVR/HVR or with 3VR's enterprise server, the 5500-series is versatile, reliable, and scalable to fit your security and analytics needs.

### SCALABLE HYBRID SOLUTION

- Hybrid models incorporate 16, 32 or 48 analog camera licenses with 8 IP licenses included. NVR models include 16 IP licenses.<sup>1</sup>
- Expand system capacity on all models by adding more IP licenses. Up to a total of 128 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 2, 4, 6, 8 or 12TB RAID configurations, or up to 24TB non-RAID in a stylish 2U rackmount chassis.

### UNIFIED INTEGRATION

- Integrates with POS, Access Control, ATM & 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.

### RELIABLE

- 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.<sup>2</sup>

<sup>1</sup> 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.

<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-managment-software-vms>

# 3VR 5500-SERIES

## Specifications

### ANALOG CAMERA SUPPORT (HYBRID MODELS)

Analog Recording Resolutions	NTSC: 704x480, 320x240; PAL: 704x576, 352x288
Video Encoding	H.264 (MPEG4 Part 10)
Maximum Images per Second (NTSC/PAL)	30ips/ch @ 4CIF (480/960/1440ips total)
Analog Camera Inputs	32 or 48 inputs
Analog PTZ Control	Pelco-D, Manchester (AD) & Panasonic protocols

### IP CAMERA SUPPORT (NVR & HYBRID MODELS)

IP/MP Cameras Supported	Yes <sup>4</sup>
Maximum Resolution	10+ megapixels
Number of IP Cameras Supported	128 VGA, 96 1.3MP (Less if analytics are used)
Video Codec Support	H.264/MPEG-4/MJPEG
Maximum Images per Second	30ips/ch
Hybrid IP Camera Licenses	8 IP licenses included
IP PTZ Support	Yes <sup>4</sup>

### AUDIO

Analog Audio Inputs	Equal to analog 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 7.2 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	RAID-1: 2, 4, 6, 8 or 12TB models JBOD: 2, 4, 6, 8, 12,16 or 24TB models
Drive Type	SATA
RAID	RAID-1 or JBOD
Hot Swappable Drives	Yes. Hot spare (optional)

## INPUTS AND OUTPUTS

Type of Camera Inputs	Analog, IP, MP, and PTZ cameras supported <sup>4</sup>
Monitor Output	1 x DE-15 (VGA) and 1 x DVI-D
Display Resolution	Up to 1600 x 1200
SpotMonitor	1 x BNC or 1 x DVI-D
Network (NIC)	2 x 1Gb Ethernet port (4 x 1Gb optional)
USB	2 front/4 back (2x 2.0 / 2x 3.0)
Alarm Inputs / Outputs	4 dry contacts or 4 relay out, expandable up to 12 in/12out. N.O., N.C., supervised or nonsupervised, 0.5 A @ 120VAC <sup>5</sup>
Serial Port	2x (RS-232/422/485) configurable with internal jumpers
DVD-RW	Optional USB Drive
Mouse and Keyboard	Included

## PHYSICAL

Dimension (HxWxD)	3.5" x 17" x 19" (89 x 432 x 483mm)
Rack Units	2 RU's, 19" rack-mountable
Mounting	Includes rack mount ears. Optional rack rails or wall-mounting brackets available
Unit Weight	39 lbs (17.7 kg)
Shipping Weight	43 lbs (19.5 kg)

## ENVIRONMENTAL AND WARRANTY

Operating Temperature	41° to 95°F (5° to 35°C)
Heat Dissipation	1600 BTU/h max (based on 400W PSU)
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, 400W, 60-50Hz, 7-3.5A
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## Part Numbering:

N	V	R	-	5	5	3	2	-	0	0	4	T	1
NVR or HVR				Model Number 5000=50 5500=55		Number of Channels			HDD Storage 004T=4TB 016T=16TB 500G=500GB			RAID or JBOD 1=RAID 0=JBOD	

<sup>1</sup> 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

<sup>2</sup> For information about 3VR's VisionPoint™ VMS video management software that is included with every 5500-Series appliance, visit <http://www.3vr.com/products/videomanagementsoftware-vms>

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