

PRODUCT SPECIFICATION

3VR 6100-SERIES



3VR's all new 6100-series of NVR appliances are unmatched when high performance, scalability, reliability and storage are required. The hardware lineup scales from medium to large-sized installations using the latest IP cameras. The new 6100 series is available with hardware based RAID controller with options of RAID-5, RAID-6 and RAID-10 configurations.

Pre-loaded with VisionPoint™ VMS video management software, the 6100-series is a work horse built 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 with high storage needs or with 3VR's enterprise server and the cloud, the 6100-series is versatile, reliable, and scalable to fit your security, analytics and customer engagement needs.

SCALABLE NVR SOLUTION

- All NVR models include 16 IP licenses.¹
- Expand system capacity on all models by adding more IP licenses. Up to a total of 128 IP licenses are supported.
- Mix and match IP, megapixel, 360p and PTZ cameras for maximum flexibility.
- High-quality audio and video storage using MPEG-4 or H.264 compression.
- Storage options include 10, 20, 30 TB RAID-5, 16 & 24 TB RAID-6 and 12 & 18 TB RAID-10.

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 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 with hardware RAID controller.
- 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/video-managementsoftware-vms>

3VR 6100-SERIES

Specifications

IP CAMERA SUPPORT

IP/MP Cameras Supported	Yes ⁴
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
IP PTZ Support	Yes ⁴
360P Support	Yes

AUDIO

Analog Audio Inputs	N/A
Analog Audio Codec	N/A
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 VisionPoint™ Enterprise Server.
UPS Support	Yes, APC Smart UPS model

SOFTWARE

Video Management	VisionPoint™ VMS ²
Software Version	Supports version 8.1 and above

THIRD-PARTY INTEGRATION

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

Storage Capacity	RAID-5: 10, 20, 30TB RAID-6: 16, 24TB RAID-10: 12, 18TB
Drive Type	SATA
RAID	RAID- 5, 6, 10
Hot Swappable Drives	N/A

INPUTS AND OUTPUTS

Type of Camera Inputs	IP, MP, and PTZ cameras supported ⁴
Monitor Output	2 x HDMI, 1 X DVI, VGA with converter

Display Resolution	Up to 1600 x 1200
SpotMonitor	2 x HDMI, 1 X DVI, VGA with converter
Network (NIC)	2 x 1Gb Ethernet port (4 x 1Gb optional)
USB	8 ports (4 x 2.0 & 4 x 3.0)
Alarm Inputs / Outputs	Optional External Alarm I/O
Serial Port	2x (RS-232/422/485) configurable with internal jumpers
DVD-RW	Optional USB Drive
Mouse and Keyboard	Included

PHYSICAL

Dimension (HxWxD)	3.46" x 16.9" x 19.36"
Rack Units	2 RUs, 19" rack-mountable
Mounting	Optional rack rails available
Unit Weight	27 lbs (12.25 kg)
Shipping Weight	43 lbs (19.5 kg)

ENVIRONMENTAL AND WARRANTY

Operating Temperature	41° to 95°F (5° to 35°C)
Heat Dissipation	1025 BTU/h max (based on 400W PSU)
Humidity	20% to 80% RH (noncondensing)
Storage Conditions	14° to 140°F (-10° to 60°C)
Hardware Warranty	3 years

ELECTRICAL

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

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			Model Number			Number of Channels			HDD Storage 010T=10TB 016T=16TB			RAID or JBOD 5=RAID

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 3VR's VisionPoint™ VMS video management software that is included with every 6100-Series appliance, visit <http://www.3vr.com/products/videomanagementsoftware-vms>

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