

PRODUCT SPECIFICATION

3VR 3100-SERIES



3VR's 3100-series of network video recorders (NVRs) are a combination of performance and value for small to medium-sized installations using IP cameras. The 3100-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 3100-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 3100-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 with 3VR's Enterprise Server, the 3100-series offers performance and value in a branch new design.

COMPACT NVR SOLUTION

- NVR models include 4 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 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 2 or 4TB configurations in a stylish 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/video-managementsoftware-vms>

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Specifications

IP CAMERA SUPPORT

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
IP PTZ Support	Yes ⁴

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 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: 2 or 4 TB
Drive Type	SATA

INPUTS AND OUTPUTS

Type of Camera Inputs	IP, MP, 360p 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
USB	8 ports (4 x 2.0 & 4 x 3.0)
Alarm Inputs / Outputs	Via optional network device
Serial Port	2x (RS-232/422/485) configurable with internal jumpers
DVD-RW	Optional USB Drive
Keyboard and Mouse	Optional

PHYSICAL

Dimension (HxWxD)	3.44" x 16.9" x 12.07"
Unit Weight	10.75 lbs. (4.88 kg)
Shipping Weight	15 lbs. (6.8 kg)
Mounting	Optional rack rails or wall-mounting brackets available

ENVIRONMENTAL AND WARRANTY

Operating Temperature	41° ~ 104° F (5° ~ 40° C)
Heat Dissipation	850 BTU/h max (based on 250W PSU)
Operating 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, 50-60Hz, 1.3A
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Part Numbering:

N	V	R	-	3	1	0	4	-	0	0	2	T	0
				Model Number	Number of Channels				HDD Storage			RAID or JBOD	
				3100=31					002T=2TB 016T=16TB			1=RAID 0=JBOD	

¹ For details on the supported combinations of 3VR analytics, IP 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 that is included with every 3100-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>