



Optimized to work with CORTROL Global where redundancy is needed.

Network Video Devices

IP Raid NVR

ZNR RAID

Features:

- RAID-5 Network Video Recorder (NVR) for up to 128 channels
- Advanced Intel Xeon W5-2465X (16 Core) processor
- Internal Hot Swappable HDD configurations from 54TB to 924TB
- Two (2) redundant & (2) hot spare drives included, not counted as storage
- Graphics Card 128 bit/2GB (HDMI/DVI-I/VGA)
- 32GB of RAM fully buffered
- Pre-installed with Windows® 11 Pro (64-bit) on a 240GB NVME
- The advanced cooling system ensures optimal performance & long-term reliability
- 3-year Warranty
- NDAA compliant

ZNR RAID

VMS NVR Series

Models

ZNR RAID-5 - up to 128 IP Cameras			
ZNR-54TB-R	(+/-) 128 IP Cameras*, 54TB RAID-5	ZNR-162TB-R	(+/-) 128 IP Cameras*, 162TB RAID-5
ZNR-72TB-R	(+/-) 128 IP Cameras*, 72TB RAID-5	ZNR-180TB-R	(+/-) 128 IP Cameras*, 180TB RAID-5
ZNR-90TB-R	(+/-) 128 IP Cameras*, 90TB RAID-5	ZNR-198TB-R	(+/-) 128 IP Cameras*, 198TB RAID-5
ZNR-108TB-R	(+/-) 128 IP Cameras*, 108TB RAID-5	ZNR-216TB-R	(+/-) 128 IP Cameras*, 216TB RAID-5
ZNR-126TB-R	(+/-) 128 IP Cameras*, 126TB RAID-5	ZNR-234TB-R	(+/-) 128 IP Cameras*, 234TB RAID-5
ZNR-144TB-R	(+/-) 128 IP Cameras*, 144TB RAID-5	ZNR-260TB-R	(+/-) 128 IP Cameras*, 260TB RAID-5

Hybrid support available via external encoders and or hybrid DVR's

Specifications

ZNR RAID-5	54TB ~ 286TB	324TB ~ 462TB	540TB ~ 924TB
Power Supply	(2) Antec Trio 820W PS (redundancy)	(2) Antec Trio 820W PS (redundancy)	(2) Antec Trio 960W PS (redundancy)
Form Factor	3U, 16 Bay	4U, 24 Bay	4U, 48 Bay
Cooling System	2x 120mm front fans, 2 x 80mm top fans		
Operating System	Windows® 11 Pro (64 Bit) on a 240NVME		
NIC	1x 10Gb NIC, 1x 2.5Gb NIC		
Storage (SATA-3Gb/s-7200 RPM)	2x Hot Swap 54TB ~ 286TB	2x Hot Swap 324TB-462TB	2x Hot Swap 540TB-924TB
Graphics Card	128 bit/2GB (HDMI/DVI-I/VGA)		
CPU	1x Intel Xeon WS-2465X Hexadeca-core (16 Core) 3.10GHz Processor		
RAM	32GB fully buffered		
Dimensions (W x D x H)	26" W x 17" D x 5.2" H	27.5" W x 17" D x 6.9" H	32.8" W x 17.2" D x 6.9" H
Optional IPMI Remote Management	Hardware and software-level with IPMI expansion card support, plus real-time monitoring and management software.		

IP Camera Capacity Chart

Camera	Resolution	Channels	IPS	Bit Rate per Channel
D1	704x480	128	30	1.8Mbps
0.9 Megapixels	1280x720	56	30	4.5Mbps
1.3 Megapixels	1280x1024	40	30	6.3Mbps
2 Megapixels	1600x1200	27	30	9.3Mbps
2.1 Megapixels	1920x1080	25	30	10Mbps
3 Megapixels	2048x1536	16	30	15.2Mbps
5 Megapixels	2592x1944	10	30	24.2Mbps

All specifications are subject to change without notice.

