



Optimized to work with CONTROL Global.

Network Video Devices

ZNR RAID Lite

Features:

- RAID-5 Network Video Recorder for up to 128 channels
- Advanced Intel i9-12900 (16 Core)
- Internal Hot Swappable HDD configurations from 54TB to 924TB
- Two (2) redundant & (2) hot spare drive included, not counted as storage
- Intel 770 UHD 128 Bit/2GB video adapter with HDMI & DVI outputs
- 32GB of RAM fully buffered
- Pre-installed with Windows® 11 Pro (64 Bit) on a dedicated solid state drive
- Advanced cooling system ensures optimal performance & long-term reliability
- NDAA compliant

ZNR-RAID Lite

IP RAID Lite Network Video Recorders

Models

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

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

Specifications

ZNR RAID-5 Lite	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 dedicated solid-state drive		
NIC	1x 2.5Gb NIC and 1x 1Gb NIC		
DVD/CD RW	N/A		
Storage (SATA-3Gb/s-7200 RPM)	Hot Swap 48TB ~ 286TB	Hot Swap 224TB-378TB	Hot Swap 392TB-756TB
Graphics Card	Intel 770 UHD built-in graphics		
CPU	Intel i9-12900 (16 Core)		
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

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