



Optimized and designed to work
with CONTROL Global VMS



Network Video Devices

IP Raid-6 Lite NVR Servers

ZNR RAID-6 Lite

Features:

- RAID-6 Lite Network Video Recorder (NVR) server for up to 128 channels
- Advanced Intel i9-10920X (12 Core)
- Internal Hot Swappable HDD configurations from 32TB to 208TB
- Two (2) redundant & (1) hot spare drive included, not counted as storage
- 128 Bit/2GB video adapter with HDMI & DVI outputs
- 32GB of RAM fully buffered
- Server is pre-installed with Windows[®] 10 OS (64 Bit) on a dedicated solid state drive
- Advanced cooling system ensures optimal performance & long-term reliability

ZNR RAID-6 Lite

IP RAID-6 Lite NVR Servers

■ Models

ZNR RAID-6 Lite - up to 128 IP Cameras			
ZNR-32TB-RL	(+/-) 128 IP Cameras*, 32TB RAID-6	ZNR-128TB-RL	(+/-) 128 IP Cameras*, 128TB RAID-6
ZNR-48TB-RL	(+/-) 128 IP Cameras*, 48TB RAID-6	ZNR-144TB-RL	(+/-) 128 IP Cameras*, 144TB RAID-6
ZNR-64TB-RL	(+/-) 128 IP Cameras*, 64TB RAID-6	ZNR-160TB-RL	(+/-) 128 IP Cameras*, 160TB RAID-6
ZNR-80TB-RL	(+/-) 128 IP Cameras*, 80TB RAID-6	ZNR-176TB-RL	(+/-) 128 IP Cameras*, 176TB RAID-6
ZNR-96TB-RL	(+/-) 128 IP Cameras*, 96TB RAID-6	ZNR-192TB-RL	(+/-) 128 IP Cameras*, 192TB RAID-6
ZNR-112TB-RL	(+/-) 128 IP Cameras*, 112TB RAID-6	ZNR-208TB-RL	(+/-) 128 IP Cameras*, 208TB RAID-6

*** 8, 16, 24, & 32 channel hybrid options are also available. Call Technical Sales for details. ***

■ Specifications

ZNR RAID-6 Lite	32TB ~ 234TB	224B ~ 378TB	392TB ~ 756TB
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 10 (64 Bit) on dedicated solid state drive		
NIC	3x Intel GB Ethernet 1000 Mbps LAN		
DVD/CD RW	N/A		
Storage (SATA-3Gb/s-7200 RPM)	Hot Swap 32TB ~ 234TB Internal	Hot Swap 224TB-378TB Internal	Hot Swap 392TB-756TB Internal
Graphics Card	128 bit/2GB (HDMI/DVI-I/VGA)		
CPU	Intel i9-1090920X (12 Core)		
RAM	32GB fully buffered		
Dimensions (W x D x H)	26" x 17" x 5.2"	27.5" x 17" x 6.9"	32.79" x 17.24" x 6.92"

■ 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