GANZ

ZNR RAID-5

FEATURES

- RAID-5 Network Video Recorder (NVR) for up to 128 channels
- Advanced Intel Xeon W5-2465X (16 Core) CPU
- Internal Hot Swappable HDD configurations from 60TB to 160TB
- Two (2) redundant & (2) hot spare drives included, not counted as storage
- 64 bit/2GB Video card (HDMI/DVI-I/VGA)
- 32GB of RAM fully buffered
- Pre-installed with Windows® 11 Pro (64-bit) on a 500GB NVME
- The advanced cooling system ensures optimal performance & long-term reliability
- 3-year Warranty
- NDAA compliant

The ZNR Raid-5 Series is a robust line of network video recorders optimized to work with NVR software. Designed for use with Ganz CORTROL surveillance software. See the data sheet for hardware specifications and capacity chart.

GANZ CORTROL

CBC GROUP

3U Network Video Recorders

ZNR RAID-5

ZNR-60TB-R	Up to 128 IP Cameras*, 3U unit, 60TB storage	ZNR-120TB-R	Up to 128 IP Cameras*, 3U unit, 120TB storage
ZNR-80TB-R	Up to 128 IP Cameras*, 3U unit, 80TB storage	ZNR-140TB-R	Up to 128 IP Cameras*, 3U unit, 140TB storage
ZNR-100TB-R	Up to 128 IP Cameras*, 3U unit, 100TB storage	ZNR-160TB-R	Up to 128 IP Cameras*, 3U unit, 160TB storage

ZNR RAID-5	60TB ~ 160TB
Power Supply	(2) Antec Trio 820W PS (redundancy)
Form Factor	3U, 16 Bay
Cooling System	2x 120mm front fans, 2 x 80mm top fans
Operating System	Windows® 11 Pro (64 Bit) on a 500GB NVME
NIC	1x 10Gb NIC, 1x 2.5Gb NIC
Storage (SATA-3Gb/s-7200 RPM)	2x Hot Swap 54TB ~ 286TB
Graphics Card	64 bit/2GB (HDMI/DVI-I/VGA)
CPU	1x Intel Xeon WS-2465X Hexadeca-core (16 Core) 3.10GHz Processor
RAM	32GB fully buffered
Dimensions	26" W x 17" D x 5.2" 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	704 x 480	128	30	0.8 Mbps
960H	960 x 480	128	30	1.1 Mbps
0.9 MP	1280 x 720	72	30	2.2 Mbps
2.1 MP	1920 x 1080	32	30	5 Mbps
3 MP	2048 x 1536	20	30	7.6 Mbps
5 MP	2592 x 1944	12	30	12.2 Mbps
8 MP	3264 x 2448	8	30	19.4Mbps

**Capacity chart assumes the following: IP cameras are utilizing H.264 compression, NVR client is not running recorder. Performances may vary based upon camera & motion settings. Call for custom configurations.

Go to ganzsecurity.com for the complete list of compatible software partners.

All specifications are subject to change without notice. See online catalog for the most up-to-date details.

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