



3U Network Video Recorder



— FEATURES

- RAID-5 Network Video Recorder (NVR) for up to 128 channels
- Advanced Intel Core Ultra 9 285 CPU
- Internal Hot Swappable HDD configurations from 72TB to 192TB
- 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

ZNR RAID Lite

The ZNR Raid Lite Series is a robust line of network video recorders optimized to work with NVR software. Designed for use with Ganz CORTROL surveillance software.



ZNR RAID Lite

ZNR-72TB-RL	Up to 128 IP Cameras*, 3U unit, 72TB storage	ZNR-144TB-RL	Up to 128 IP Cameras*, 3U unit, 144TB storage
ZNR-96TB-RL	Up to 128 IP Cameras*, 3U unit, 96TB storage	ZNR-168TB-RL	Up to 128 IP Cameras*, 3U unit, 168TB storage
ZNR-120TB-RL	Up to 128 IP Cameras*, 3U unit, 100TB storage	ZNR-192TB-RL	Up to 128 IP Cameras*, 3U unit, 192TB storage

Storage	72TB ~ 192TB
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	1x2.5Gb NIC, 1x 1Gb NIC
Storage (SATA-3Gb/s-7200 RPM)	2x Hot Swap 54TB ~ 286TB
Graphics Card	64 bit/2GB (HDMI/DVI-I/VGA)
CPU	Intel Core Ultra 9 285 CPU
RAM	32GB fully buffered
Dimensions	17" W x 26" 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	3264x2448	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](https://www.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.