

The ZNR Series is a robust line of 2U and 4U NVRs optimized for sensitive and long-term storage of IP/Megapixel cameras. It is designed for use with Ganz® CORTROL and all other major brands of surveillance software.



## Network Video Recorder

# ZNR Series

### Features:

- Advanced Intel processors & chipset optimized for HD Video
- Pre-installed with Windows 11 Pro (64 Bit) on a dedicated SSD
- Support all GANZ IP camera models
- Available with 16TB to 220TB of storage
- Intel i7-12700 12 Core Processor
- Built-in Intel 630 UHD video graphics with HDMI & DVI outputs
- 16GB of DDR4 Kingston RAM
- 2x Gigabit Network Cards
- The advanced cooling system ensures optimal performance & long-term reliability
- Available in 2U and 4U models
- Can be pre-loaded with Ganz CORTROL surveillance software
- NDAA compliant

# ZNR Series

## Network Video Recorders

### Models

ZNR 2U		ZNR 4U w/External Encoder	
ZNR-2U-18TB	Up to 128 IP Cameras*, 2U unit, 18TB storage	ZNR-4U-18TB	Up to 128 IP Cameras*, 4U unit, 18TB storage
ZNR-2U-36TB	Up to 128 IP Cameras*, 2U unit, 36TB storage	ZNR-4U-36TB	Up to 128 IP Cameras*, 4U unit, 36TB storage
ZNR-2U-54TB	Up to 128 IP Cameras*, 2U unit, 54TB storage	ZNR-4U-54TB	Up to 128 IP Cameras*, 4U unit, 54TB storage
ZNR-2U-72TB	Up to 128 IP Cameras*, 2U unit, 72TB storage	ZNR-4U-72TB	Up to 128 IP Cameras*, 4U unit, 72TB storage
ZNR-2U-90TB	Up to 128 IP Cameras*, 2U unit, 90TB storage	ZNR-4U-90TB	Up to 128 IP Cameras*, 4U unit, 90TB storage

### Specifications

	ZNR-2U-xTB	ZNR-4U-xTB (5 Bay)	ZNR-4U-xTB (10 Bay)
Power Supply	650W PS		750W PS
Form Factor	2U Rack mount	4U Desktop (Rack mountable)	
Cooling System	4x 80mm front fans	2x 80mm front fans	
Operating System	Win11 Pro (64 Bit) on an 240G NVME or SSD		
NIC	1x 2.5GB NIC, 1x 1GB NIC		
Storage	18-220TB Internal (SATA - 6Gb/s-7200 RPM)		
Graphics Card	Intel 630 UHD built-in graphics		
CPU	i7-12700 Processor		
RAM	16 GB DDR4		
Dimensions	25.6" W x 16.8" D x 3.5" H	23" W x 17" D x 7" H	25.6" W x 16.9" D x 7" H
Certifications	UL Listed, CE, FCC		

### 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](http://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.