The ZNR RAID-5 Series is a powerful line of servers that are optimized to work with NVR Software for sensitive & long-term storage of IP/Megapixel cameras. Designed for use with Ganz® ZNS Series, VSoIP Pro Series and all other major brands of surveillance software.

Network Video Devices

NVR Servers

ZNR RAID-5 Server

Features:

- RAID-5 Network Video Recorder (NVR) Server for up to 74 channels
- Advanced Dual Intel® Xeon® Quad Core processors & chipset optimized for HD video
- Internal Hot Swappable HDD configurations from 12TB to 44TB
- RAID-1 OS & Hot Spare Drive configurations available
- 128 Bit/1GB Video Adapter with HDMI & DVI outputs
- 8GB of DDR3 Kingston SDRAM
- Server is pre-installed with Windows® 7 OS on dedicated solid state drive
- Advanced cooling system ensures optimal performance & long-term reliability
- Built in DVD-RW for high speed archiving
- Pre-loaded with your choice of industry-leading NVR software solutions:

milestone exacq Technologies OnSSI IP To The Core GENETEC GANZ ZNS SERIES AXIS COMMUNICATIONS ipConfigure GANZ VSoIP

Upon request, servers will be optimized and preloaded with 3rd party VMS. Please note - activation and/or license keys are not provided by CBC.

CBC (AMERICA) Corp.

Network Video Devices

ZNR RAID-5 Server

IP RAID-5 Servers

■ Front & Back Panel Detail

■ Models

ZNR RAID-5 - up to 74 IP Cameras and DVD Writer			
ZNR-12TB-R	(+/-) 74 IP Cameras*, 12TB RAID-5, & DVD-RW	**ZNR-32TB-R**	(+/-) 74 IP Cameras*, 32TB RAID-5, & DVD-RW
ZNR-16TB-R	(+/-) 74 IP Cameras*, 16TB RAID-5, & DVD-RW	**ZNR-36TB-R**	(+/-) 74 IP Cameras*, 36TB RAID-5, & DVD-RW
ZNR-18TB-R	(+/-) 74 IP Cameras*, 18TB RAID-5, & DVD-RW	**ZNR-40TB-R**	(+/-) 74 IP Cameras*, 40TB RAID-5, & DVD-RW
ZNR-24TB-R	(+/-) 74 IP Cameras*, 24TB RAID-5, & DVD-RW	**ZNR-44TB-R**	(+/-) 74 IP Cameras*, 44TB RAID-5, & DVD-RW
ZNR-28TB-R	(+/-) 74 IP Cameras*, 28TB RAID-5, & DVD-RW		

*Capacity - IP camera capacity will fluctuate based on recording parameters. RAID-5 Server has (2) Intel Xeon Quad Cores with 8GB of RAM.
Custom configurations available. See our online specifications or inquire with Technical Sales for more details.

■ Specifications

ZNR Model	ZNR RAID-5 12TB Server	ZNR RAID-5 16TB,20TB, 24TB, & 28TB Servers	ZNR RAID-5 32TB, 36TB, 38TB, 40TB, 44TB Servers
Power Supply	(3) Antec Trio 650W PS (redundancy)	(2) Antec Trio 800W PS (redundancy)	(2) Antec Trio 900W PS (redundancy)
Form Factor	3U (12 TB)	3U (16 TB, 20TB, 24 TB, & 28 TB)	4U (32TB, 36TB, 38TB, 40TB, & 44TB)
Cooling System	2x 120mm front fans, 2 x 80mm top fans		
Operating System	Windows 7 (64 Bit) on dedicated solid state drive		
NIC	3x Intel Gbit Ethernet 1000 Mbps LAN		
DVD/CD RW	Front panel access		
Storage	Hot Swap 12TB Internal (SATA-3Gb/s-7200 RPM)	Hot Swap 16TB-28TB Internal (SATA-3Gb/s-7200 RPM)	Hot Swap 32TB-44TB Internal (SATA-3Gb/s-7200 RPM)
Graphics Card	128 bit/1GB (HDMI/DVI-I/VGA)		
CPU	(2) Intel Xeon 5600 Series Quad Cores		
RAM	8GB fully buffered		
Dimensions (W x D x H)	16.9" x 26" x 5.2"	17.2" x 25.6" x 5.2"	17.2" x 26" x 7"

■ IP Camera Capacity Chart

Camera	Channels	IPS
D1	74	2220 ips
1.3 Megapixel	56	1400 ips
2 Megapixel	46	920 ips
3 Megapixel	35	525 ips
5 Megapixel	22	198 ips

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

■ Optional Accessories

Model	Description
VOR-OR	Cat5 LAN & PoE Extender/Repeater (100m extension per unit)
VOR-OS	Midspan PoE injector - 1 Port
VHW-HW	Ethernet over coax transceiver. Single unit. *(Requires Power Supply)
ZM-L22A-HD	1080p 1920 x 1080 - 22" Monitor
10G-POE/26G-POE/50G-POE	10, 26 & 50 PoE Switches
BR1200	UPS
ZV-S1000VNE	Single Channel H.264 Video Server

All specifications are subject to change without notice