

The ZNR RAID-5 Lite 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

IP Raid-5 Lite NVR Servers

# ZNR RAID-5 Lite

### Features:

- RAID-5 Lite Network Video Recorder (NVR) Server for up to 40 channels
- Advanced Intel Core i7 Processor & chipset optimized for HD video
- Internal Hot Swappable HDD configurations from 4TB 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:



*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.**

# ZNR RAID-5 Lite

## IP RAID-5 Lite NVR Servers

### ■ Front & Back Panel Detail



### ■ Models

ZNR RAID-5 Lite - up to 40 IP Cameras and DVD Writer			
<b>ZNR-4TB-RL</b>	(+/-) 40 IP Cameras*, 4TB RAID-5 Lite, & DVD-RW	<b>ZNR-24TB-RL</b>	(+/-) 40 IP Cameras*, 24TB RAID-5 Lite, & DVD-RW
<b>ZNR-6TB-RL</b>	(+/-) 40 IP Cameras*, 6TB RAID-5 Lite, & DVD-RW	<b>ZNR-28TB-R</b>	(+/-) 40 IP Cameras*, 28TB RAID-5 Lite, & DVD-RW
<b>ZNR-8TB-RL</b>	(+/-) 40 IP Cameras*, 8TB RAID-5 Lite, & DVD-RW	<b>ZNR-32TB-RL</b>	(+/-) 40 IP Cameras*, 32TB RAID-5 Lite, & DVD-RW
<b>ZNR-10TB-RL</b>	(+/-) 40 IP Cameras*, 10TB RAID-5 Lite, & DVD-RW	<b>ZNR-36TB-RL</b>	(+/-) 40 IP Cameras*, 36TB RAID-5 Lite, & DVD-RW
<b>ZNR-12TB-RL</b>	(+/-) 40 IP Cameras*, 12TB RAID-5 Lite, & DVD-RW	<b>ZNR-40TB-RL</b>	(+/-) 40 IP Cameras*, 40TB RAID-5 Lite, & DVD-RW
<b>ZNR-16TB-RL</b>	(+/-) 40 IP Cameras*, 16TB RAID-5 Lite, & DVD-RW	<b>ZNR-44TB-RL</b>	(+/-) 40 IP Cameras*, 44TB RAID-5 Lite, & DVD-RW
<b>ZNR-18TB-RL</b>	(+/-) 40 IP Cameras*, 18TB RAID-5 Lite, & DVD-RW		

\*Capacity - IP camera capacity will fluctuate based on recording parameters. RAID-5 Lite Server has i7 Intel Core processor 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 Lite 4TB, 6TB, 8TB, 10TB & 12TB Servers	ZNR RAID-5 Lite 16TB, 20TB, 24TB, & 28TB Servers	ZNR RAID-5 Lite 32TB, 36TB, 38TB, 40TB, 44TB Servers
<b>Power Supply</b>	(3) Antec Trio 650W PS (redundancy)	(2) Antec Trio 800W PS (redundancy)	(2) Antec Trio 900W PS (redundancy)
<b>Form Factor</b>	3U (4TB, 6TB, 8TB, 10TB & 12TB)	3U (16 TB, 20TB, 24 TB, & 28 TB)	4U (32TB, 36TB, 38TB, 40TB, & 44TB)
<b>Cooling System</b>	2x 120mm front fans, 2 x 80mm top fans		
<b>Operating System</b>	Windows 7 (64 Bit) on a dedicated solid state drive		
<b>NIC</b>	3x Intel Gbit Ethernet 1000 Mbps LAN		
<b>DVD/CD RW</b>	Front panel access		
<b>Storage</b>	Hot Swap 4TB-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)
<b>Graphics Card</b>	128 bit/1GB (HDMI/DVI-I/VGA)		
<b>CPU</b>	Intel i7-2600 Processor		
<b>RAM</b>	8GB DDR3		
<b>Dimensions (W x D x H)</b>	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
<b>D1</b>	40	1200 ips
<b>1.3 Megapixels</b>	32	768 ips
<b>2 Megapixels</b>	24	400 ips
<b>3 Megapixels</b>	16	240 ips
<b>5 Megapixels</b>	12	108 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
<b>VOR-OR</b>	Cat5 LAN & PoE Extender/Repeater (100m extension per unit)
<b>VOR-OS</b>	Midspan PoE injector - 1 Port
<b>VHW-HW</b>	Ethernet over coax transceiver. Single unit. *(Requires Power Supply)
<b>ZM-L22A-HD</b>	1080p 1920 x 1080 - 22" Monitor
<b>10G-POE/26G-POE/50G-POE</b>	10, 26 & 50 PoE Switches
<b>BR1200</b>	UPS
<b>ZV-S1000VNE</b>	Single Channel H.264 Video Server

All specifications are subject to change without notice