

GANZ
PRODUCT CATALOG

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All product specifications are subject to change without notice.



THE CORE COMMAND CENTER OF YOUR SECURITY INSTALLATION

CORTROL is available in two editions and offers various customization options and responsive technical support, providing a seamless and personalized user experience for every organization.



Event & Action Manager

CORTROL automates and accelerates responses with the pre-programmed event and action manager when an immediate response is necessary—delivering enhanced situational awareness, optimizing incident management, and creating a safer environment.

Integrations

CORTROL delivers collaborative data management, including video, access control, security, HSE, POS, analytics metadata, and other related areas like intelligent warehousing, traffic control, volumetric surveillance, SCADA, OPC, MQTT, IoT, GSM, and more - all on an NDAA Compliant, user-friendly platform.

Mobile Geomapping

CORTROL Global can turn a smartphone into a GPS security tracker (ideal for tracking and the safety of students, children, etc.). Equipped with a panic button, and can send live video with geolocation in critical situations.

Folders

Folders introduce hierarchical resource management for multi-site installations. The folders act in parallel with Groups and Permissions, adding a logical security layer and enhancing resource organization (CORTROL Global).

Private Cloud

Smart City applications require open, ubiquitous data owned by the city. CORTROL Global's virtual machine option lets you have a private cloud, simultaneously satisfying those enigmatic requirements.

CORTROL has over 15,000 integrations from over 190 manufacturers.



CORTROL GLOBAL

CORTROL Global, built with the Premier core, is a comprehensive enterprise-level VMS solution that includes enterprise-level failover, video wall support, and multi-server deployment. Central server governance simplifies the administration of multiple servers.

LICENSING OPTIONS

CORTROL Global Licenses

ZNS-GStart50	CORTROL Global Start50 (50Ch) License
ZNS-GStart100	CORTROL Global Start100 (100Ch) License

CORTROL Global Non-Expiring Licenses

ZNS-GStart50-NE	50ch CORTROL Global Start Non-Expiring License with lifetime support and updates*
ZNS-GStart100-NE	100ch CORTROL Global Start Non-Expiring License with lifetime support and updates*

*Non-Expiring Licenses with lifetime support and updates are valid until the End-of-Support of the product.

Flexible User Permissions
Leading Performance
Detailed Audit
System Health Monitoring
Secure AD, LDAP and OAuth 2.0
Unlimited Servers and Clients
Easy Licensing

CORTROL PREMIER

CORTROL Premier is ideal for small to medium-sized businesses. It integrates video analytics and comprehensive surveillance capabilities, utilizing multiple data sources and various access control integrations. Key features include interactive maps with alarm linking, a powerful event and action manager, and CVA AI analytics.

LICENSING OPTIONS

CORTROL Premier 9 & 16 Licenses

ZNS-Premier9	9ch CORTROL Premier
ZNS-Premier16	16ch CORTROL Premier

CORTROL Premier Licenses

ZNS-Premier24	24ch CORTROL Premier
ZNS-Premier48	48ch CORTROL Premier
ZNS-Premier72	72ch CORTROL Premier
ZNS-Premier96	96ch CORTROL Premier

CORTROL Premier Non-Expiring Licenses*

ZNS-Premier24-NE	24ch CORTROL Premier
ZNS-Premier48-NE	48ch CORTROL Premier
ZNS-Premier72-NE	72ch CORTROL Premier
ZNS-Premier96-NE	96ch CORTROL Premier

*Non-Expiring Licenses with lifetime support and updates are valid until the End-of-Support of the product.

Software Watchdog
Fallback Storage
Failover Clusters
Archive Replication
Server Mirroring
End-to-end data encryption
Data Corruption protection
Distributed Databases

CORTROL CVA ANALYTICS

CORTROL CVA's advanced computational neural network engine provides AI analytics to any camera in your system. For example, create Zones/Lines to alert on perimeter intrusion, loitering, and AI Classification of persons, vehicles, and animals. Become efficient with the information you see. Take advantage of the full potential of your video surveillance system with video content analysis. Improve the functionality of your surveillance while analyzing large amounts of data to determine a specific pattern in a particular task.



CVA Face Recognition

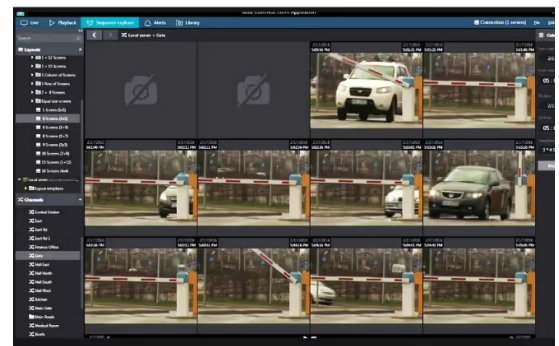


Human identification has never been more important to businesses and organizations. Visual intelligence provided by CORTROL CVA Face Recognition addresses security and surveillance, people management, product management, personalized services, process automation, and predictive analytics in almost all sectors.

CVA License Plate Recognition

Power smarter, safer cities with CORTROL CVA LPR analytics. Using advanced neural networks, it delivers high-accuracy license plate recognition on vehicles moving up to 300 km/h (185 mph)—even from low-quality, real-world traffic footage. Available in mobile and fixed configurations, it works standalone or integrates seamlessly with third-party hardware and software, making it a flexible foundation for next-gen security and smart city systems.

See page 6 for licensing options.



VIDEO MANAGEMENT SOFTWARE



CORTROL CVA ANALYTICS



Fully integrated add-on CVA modules native to the CORTROL VMS ecosystem. These highly efficient and scalable GPU-based analytics plugins deliver exceptional performance.

CORTROL Video Analytic (CVA) Licenses

Base License	ZNS-CVA-Base-1	Detects humans, vehicles & animals. Metadata on object type and direction. Rules: Object detection, classification, object counters, zone detection, real-time alerts and object search.
LPR Detect	ZNS-CVA-LPR-D-1	License Plate Recognition module (CPU/GPU), 1 channel license, number plates only, up to 50 mph.
LPR Classify	ZNS-CVA-LPR-C-1	Smart License Plate Recognition module (GPU), 1 ch license, number plates + metadata - make/model/color/direction, up to 155 mph.
UIC & C	ZNS-CVA-UICC-1	Smart Recognition module (CPU/GPU) 1 channel license, International Shipping Containers numbers and UIC identification marking for tracking stock.
FR Facial Recognition	ZNS-CVA-FR-1	1 channel license, new-generation, GPU-optimized*
Object Detector	ZNS-CVA-OBJ-1	Classification of People, Vehicles [Car/Trucks/Bus/Bike/Motorbike], Animals and Bags. Rules: Counting, Zone (Entry / Exit / Presence / Absence, Intrusion, Line Crossing, etc.).
Gun Detector	ZNS-CVA-GUN-1	Detects Handguns, Rifles, and Knives.
Smart Parking	ZNS-CVA-SMP-1	LPR-based vehicle parking management system. Parking zones, multiple sites, vehicle access management, parking occupancy. Includes LPR Classify - Rules: Territory zoning, Parking management.
Smoke & Fire Detector	ZNS-CVA-FIRE-1	CVA Smoke, Fire and Explosions detection. Includes 2 years Support & Updates Plan
Smart Tracking	ZNS-CVA-ST-1	CVA People multi-tracking and search by appearance attributes.
Hard Hat Detector	ZNS-CVA-PPE-1	CVA Identifies the absence of a protective hard hat.
Traffic Analytics	ZNS-CVA-TRF-1	CVA Detects traffic intensity calculation, vehicle and people traffic counting, statistical data. Built-in reports by locations, days, hours.
Gender	ZNS-CVA-GA-1	CVA GA - Statistical people counting with age and gender estimation profiling. Statistical reports by hours, days, weeks, month.

*Includes 2 years Support & Updates Plan. *May require CORTROL v.1.19.1 or higher.

CORTROL CROSSLINK

Ganz CORTROL CrossLink provides the ability to add web pages and remote control of third-party workstations using VNC server technology.

CORTROL Crosslink Licenses

ZNS-CL-Base-1	CrossLink Basic interactive External URL integration and recording - 1 ch license *Requires CORTROL v.1.20.1 & up*
ZNS-CL-Advance-1	CrossLink Advanced interactive External Applications integration and recording - 1 ch license *Requires CORTROL v.1.20.1 & up*

AI / VIDEO ANALYTIC DEVICE & LICENSES

AI BOX

AI BOX-PRO 8/16 CHANNEL



- Capable of over 50+ intuitive AI apps (on-premise)
- Multi AI Algorithms running on single channel
- Advanced human behavior analysis
- Wide temperature range: without fan: -22°F ~ 158°F
- Supports various protocols and VMS
- P2P-based mobile alarm viewer
- LTE & GPS support (8 & 16ch Pro)
- Cloud-based dashboard (optional)
- Optional Model: ZN-AIBOX-PRO-LTE (LTE support)
- Hybrid AI boost mode support
- NDAA Compliant



AI-Based
Intuitive AI video analytics



Multiple AI Apps
Running simultaneously on each channel



False Alarm Reduction
Multi-level AI-based



Accurate Event Detection
Using scene interpretation

Models	ZN-AIBOX-PRO 16ch	ZN-AIBOX-PRO 8ch
Main Monitor / Resolution	HDMI / Up to 4K	
Number of Video Stream	Up to 16ch	Up to 8ch
Max Video Input Resolution	4K at 60 fps (2M at 240 fps)	
Video Input Method	RTSP, RTSP over HTTP/S, Onvif	
Supported Input Video	H.265 / H.264	
Video Output Stream Method	RTSP over TCP/UDP, RTSP over Websocket, RTSP over HTTP/S	
Alarm	Input 4 Ch / Output 1 Ch	
Internal HDD	1x micro SIM slot	
USB	1x USB 3.0	
RS-485 / RS-232	1 x RS-485 (Full-duplex) / 1 x RS-232 (D-SUB9)	
LAN	2x 10/100/1000 BASE-T, Ethernet(ETH1/ETH2)	
Watchdog	Yes	
Power	12V/3.3A adapter; DC +9V ~ +36V (DC Input Voltage), Consumption 16 Watts (without NVMeSSD)	
Temperature / Humidity	-22°F ~ 158°F (-30°C ~ 70°C) / 10 ~ 90% RH (non-condensing)	
Dimensions	8.4 x 6.9 x 2.4" / 213.6 x 175.8 x 60mm	
Weight (net/gross)	3.3 / 4.9 lbs. / 1.5 / 2.2 KG	
Certifications	CE, FCC, KC, UKCA	

AI / VIDEO ANALYTICS - LICENSES

AI BOX

AI BOX PRO SPECIFICATIONS (CONTINUED)

	ZN-AIBOX-PRO 16ch	ZN-AIBOX-PRO 8ch
System Events	Tamper Detection, Alarm In, Virtual Alarm In, Video Loss /Recovery, Disarm, Recurrence, Login, System Start	
Action Handlers	HTTP, TCP, FTP, E-mail, S3, VMS, Onvif, Audio Back Channel (Camera speaker)	
Combining Rules w/ Other Events	Yes	
Pre/Post snapshot	Yes	
Annotated Video Stream	Yes	
Max. Video Input Res	2M @ 240 fps	4K @ 60 fps (2M @ 240 fps)

AI BOX PRO LICENSES

	8-channel Basic AI Application Package	16-channel (Extension) Mode *Basic AI Application Package	8-channel *Advanced includes Basic Package
Pre-installed Packages	• Dynamic Privacy Mask • Dynamic Face Masking • LP Masking • Basic Attributes (Color of Clothes) • Queue Management • Basic Heatmap • Intrusion Detection • Loitering Detection • People Counting • Vehicle Counting • Zone Counting • Multi Zone Counting • Virtual Fence-Stopping • Stay & Go • Enter/Exit Detection • Speed Anomaly Detection • Occupancy Counting • Occupancy Car Counting	• Intrusion Detection • Loitering Detection • People Counting • Vehicle Counting • Zone Counting • Multi Zone Counting • Virtual Fence • Stopping Detection • Stay & Go • Enter/Exit Detection • Occupancy Counting • Occupancy Car Counting • Thermal Intrusion Detection (in the case of installing thermal license)	• e-Crowd Detection • Advanced Visitor Analysis • Hand & Foot Intrusion • Intentional Body Gaze Detector • Imminent Threat • Fallen Person Detection • Animal Detection • Fire & Smoke Detection • Vehicle Type Counting • Vehicle Type Detection • Thermal Intrusion Detection • Fish-eye Camera support • Advanced Attribute
Optional: Add-on Licenses	• LPR-US, LPR-Europe, LPR-JP, LPR-KR • Advanced Heatmap • No PPE • Illegal Dumping • Aggressive Detection • PTZ Tracking • Human Prolonged Stay • Staff Exclusion People Counting • Forklift No Helmet • Forklift Detection • Forklift Non-Driver Detection • Reverse Movement Detection • Vehicle Zone Presence • Road Pedestrian Detection • Work Vehicle Hazard Detection • Bullying Detection • Vehicle Queue Management • Hybrid AI Boost apps	n/a	• LPR-US, LPR-Europe, LPR-JP, LPR-KR • Advanced Heatmap • No PPE • Illegal Dumping • Aggressive Detection • PTZ Tracking • Human Prolonged Stay • Staff Exclusion People Counting • Forklift No Helmet • Forklift Detection • Forklift Non-Driver Detection • Reverse Movement Detection • Vehicle Zone Presence • Road Pedestrian Detection • Work Vehicle Hazard Detection • Bullying Detection • Vehicle Queue Management • Hybrid AI Boost apps

AI / VIDEO ANALYTIC DEVICE & LICENSES

AI BOX

AI BOX4-PRO 4 CHANNEL



AI-Based



False Alarm Reduction



Multiple AI Apps



Accurate Event Detection

- Over 50+ intuitive AI apps capable (On-premises).
- Multi AI Algorithms running at single channel
- Advanced human behavior analysis
- Supports up to 4 camera channels
- Wide temperature range without Fans
- Supports various protocols and VMS
- P2P based mobile alarm viewer
- Internal recording with M.2 NVME SSD (optional)
- Cloud based dashboard (optional)
- Hybrid AI boost mode support
- NDAA Compliant

	ZN-AIBOX4-PRO
Main Monitor / Resolution	HDMI / Up to 4K
Number of Video Stream	Up to 4ch
Max Video Input Resolution	4K @ 30 fps (2M @ 120 fps)
Video Input Method	RTSP, RTSP over HTTP/S, Onvif
Supported Input Video Format	H.265 / H.264
Video Output Stream Method	RTSP over TCP/UDP, RTSP over Websocket, RTSP over HTTP/S
Alarm	Input 4 Ch / Output 1 Ch
Internal HDD	1 x M.2 M-Key Slot (for M.2 2280 NVMe SSD) Recording license 4-ch (Optional)
USB	1 x USB2.0
RS-485 / RS-232	- / -
LAN	2 x RJ-45 10/100 BASE-T Ethernet (LAN1/LAN2)
Watchdog	Yes
Power	12V/3.3A adapter, DC +9-36V (DC Input Voltage) , 6.7 Watts (without NVMe SSD)
Temperature / Humidity	-22°F ~ 158°F (-30°C ~ 70°C) / 10 ~ 90% RH (non-condensing)
Dimensions / Weight (net/gross)	3.7" x 6" x 1.1" (94 x 153 x 28 mm) 1lb / 2.3lbs (0.45/1.05 KG)
Certifications	CE, FCC, KC, UKCA

AI BOX4-PRO LICENSES

Pre-installed Package:

- People Counting
- Vehicle Counting
- Zone Counting
- Multi Zone Counting
- Virtual Fence
- Stopping
- Stay & Go
- Enter/Exit Detection
- Speed Anomaly Detection
- Occupancy Counting
- Occupancy Car Counting

Individual licenses - Per channel, per app:

- LPR-US
- LPR-Europe
- LPR-JP
- LPR-KR
- Advanced Heatmap
- No PPE
- Illegal Dumping
- Aggressive Detection
- PTZ Tracking
- Human Prolonged Stay
- Staff Exclusion
- People Counting
- Forklift No Helmet
- Forklift Detection
- Forklift Non-Driver Detection
- Reverse Movement Detection
- Vehicle Zone Presence
- Road Pedestrian Detection
- Work Vehicle Hazard Detection
- Bullying Detection
- Vehicle Queue Management
- Hybrid AI Boost apps

IP CAMERAS



PIXELPRO SERIES IP CAMERAS



- AI-BASED Smart Motion Detection
- 4K and 5 Megapixel Resolution
- MFZ Lens
- Smart IR up to 90'
- True Day/Night & True WDR
- Triple Power - 12VDC, 24VAC, PoE
- IP67
- NDAA Compliant

Model	Description	Lens	Environment	Power	IR	Accessories
 ZN-B5M212DP	5MP IR Bullet with AI-Based Smart Motion Detection, T-WDR, H.264/H.265	2.8-12mm MFZ	IP67	PoE, 12VDC, 24VAC	Smart IR up to 90'	Junction Box ZA-JB-1
 ZN-VD5M212DLP	5MP Outdoor Dome with AI-Based Smart Motion Detection, T-WDR, H.264/H.265	2.8-12mm MFZ	IP67, IK10	PoE, 12VDC, 24VAC	Smart IR up to 90'	Wall Bracket ZA-WMB1 Junction Box ZA-JB-1
 ZN-VD8M213DLP	4K Outdoor Dome with AI-Based Smart Motion Detection, T-DN, T-WDR, H.264/H.265	2.7-13.5mm MFZ	IP67, IK10	PoE, 12VDC, 24VAC	Smart IR up to 90'	Wall Bracket ZA-WMB1 Junction Box ZA-JB-1



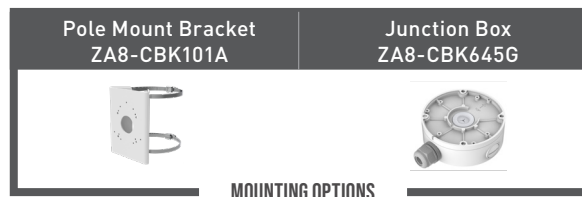
GENSTAR SERIES THERMAL CAMERAS



- Uncooled VOx Micro bolometer 9mm, 15mm, 25mm, 35mm and 50mm lens options
- Sensitivity $\leq 40\text{mK}$
- Smart temperature monitoring & alarm function
- Human and vehicle detection analytics
- Supports 3 temperature measurement rule types (Spot, Line, Area)
- Up to 17 colors
- DVE image enhancement
- NDAA Compliant



Model	Description	Lens	Environment	Power
ZNT8-B1F9-1	400x300 Thermal Network Bullet	9mm Fixed	IP66	POE, 12VDC, 24VAC
ZNT8-B1F15-1	400x300 Thermal Network Bullet	15mm Fixed	IP66	POE, 12VDC, 24VAC
ZNT8-B1F25-1	400x300 Thermal Network Bullet	25mm Fixed	IP66	POE, 12VDC, 24VAC
ZNT8-B1F35-1	400x300 Thermal Network Bullet	35mm Fixed	IP66	POE, 12VDC, 24VAC
ZNT8-B1F50-1	400x300 Thermal Network Bullet	50mm Fixed	IP66	POE, 12VDC, 24VAC





GENSTAR SERIES IP CAMERAS



- 4MP - 20MP (4x %MP) options
- Multiple form factors and lens choices
- Smart IR, True D/N & True WDR
- 12VDC, PoE, and 24VAC*
- Indoor and outdoor models
- NDAA compliant

Model	Description	Lens	Environment	Power	IR	Accessories
 ZN8-T6TZF71	5MP Turret TWDR; Analytics; NDAA	2.7-13.5mm Motorized	IP66	POE; 12VDC	IR	Junction Box ZA8-CBK645D
 ZN8-B6ZF71	5MP Bullet TWDR, Analytics; NDAA	2.7-13.5mm Motorized	IP67	POE; 12VDC	IR	Junction Box ZA8-CBK656A
 ZN8-80F12F18NL	12 MP Fisheye Dome Audio, Analytics	360 Degree Fisheye	IP66	POE; 12VDC	-	Wall Arm ZA8-CBK501, Pendant Mount ZA8-CBK201A
 ZN8-VD4M212-NIR	4MP Dome T-WDR; H264/265	2.7-12mm	IP66; IK10	POE; 12VDC	Smart IR	Pendant Cap ZA8-CBK201, Wall Arm ZA8-CBK501, Pendant Mount ZA8-CBK625
 ZN8-2D8WTFN3	8MP Bullet 180° wide-angle, H.265/H.264; TWDR; Built-in MIC & speaker; SD card slot; Analytics	2x2.8mm	IP66	DC12V; POE	IR	-
 ZN8-4D6DTMZ71	20MP multi-sensor camera TWDR; Audio; Analytics Suite	4x5MP; 2.7-13.5mm Motorized	IP67; IK10	POE+/12VDC	Smart IR	Ceiling Mount ZA8-CBK348A Junction Box ZA8-CBK367
 ZN8-2P5X30DL-H	5MP + 4MP Dual Lens PTZ TWDR; Audio; Analytics Suite	5.3-159m + 2.8mm	IP66	POE+, 24VDC, 36VDC (STD)	Smart IR	Ceiling Mount ZA8-CBK348A Junction Box ZA8-CBK367

Pendant Cap ZA8-CBK201	Pendant Mount ZA8-CBK625	Pendant Mount ZA8-CBK201A	Ceiling Mount Bracket ZA8-CBK348A	Wall Arm ZA8-CBK501	Junction Box ZA8-CBK656A	Junction Box ZA8-CBK645D	Junction Box ZA8-CBK367
							

MOUNTING OPTIONS

AHD CAMERAS & IP NVR SERIES



GENSTAR SERIES AHD CAMERAS

- 1/2.8" SONY Progressive Scan CMOS
- 2.8-12mm Lens (motorized options)
- Full HD 1080P @ 30fps
- 4-in-one AHD/TVI/CVI/CVB
- True Day/Night
- 3D DNR, WDR, ICR, BLC
- IP67, IK10 (outdoor models)

Model	Description	Lens	Environment	Power
Z8-D2V-2 	1080p Indoor IR Dome, dWDR, 4-in-1, IR Range 98'	2.8-12mm	Indoor	12VDC/24VAC
Z8-D2M-2 	1080p Indoor IR Dome, MFZ, dWDR, 4-in-1, IR Range 98'	2.8-12mm Motorized Lens	Indoor	12VDC/24VAC
Z8-VD2V-2 	1080p Outdoor IR Dome, dWDR, 4-in-1, IR Range 98'	2.8-12mm	IP67, IK10	12VDC/24VAC
Z8-VD2M-2 	1080p Outdoor IR Dome, MFZ, dWDR, 4-in-1, IR Range 98'	2.8-12mm Motorized Lens	IP67, IK10	12VDC/24VAC



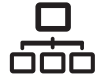
GENSTAR EMBEDDED 16 CHANNEL NVR

16 Channel Embedded NVRs		Storage
NR8-16F82	H.264 up to 4K, Embedded NVR Lite, Built in POE Hub. Dimensions: 16.65" x 12.33" x 1.83" / 372 x 311.2 x 46.4 mm	-
NR8-16F82-4TB		4TB
NR8-16F82-8TB		8TB



PIXELMASTER EMBEDDED NVR

16 Channel Embedded NVRs		Storage
NR-16F82-16P	480fps @ 4K, 1U, 2 HDD slots, H.264/H.265, Built in PoE. Dimensions: 1U, 15" x 12.4" x 1.7" / 380mm x 314.6mm x 44mm	-
NR-16F82-16P-4TB		4TB
NR-16F82-16P-8TB		8TB



The ZNR Series is a robust line of 1U, 2U and 4U optimized network video recorders.

Designed for use with Ganz CORTROL surveillance software. See individual data sheets for detailed hardware specifications and capacity charts.

1U IP NVR SERIES



Models	Features	Storage
ZNR-1U-225-24TB	Intel Core Ultra 5 225 CPU, w/630 UHD Graphics, 16GB RAM, 2x 1Gb Nic, 500GB NVME, Win11 Pro (64bit),	24TB
ZNR-1U-225-28TB		28TB
ZNR-1U-225-30TB	Dimensions: W x D x H: 14.41" x 16.93" x 1.71"	30TB

Models	Features	Storage
ZNR-1U-235-24TB	Intel Core Ultra 5 235 CPU, w/630 UHD Graphics, 16GB RAM, 2x 1Gb Nic, 500GB NVME, Win11 Pro (64bit),	24TB
ZNR-1U-235-28TB		28TB
ZNR-1U-235-30TB	Dimensions: W x D x H: 14.41" x 16.93" x 1.71"	30TB

2U IP NVR SERIES



Models	Features	Storage
ZNR-2U-24TB	Intel Core Ultra 7 265 CPU, w/630 UHD Graphics, 16G RAM, 1x 2.5Gb Nic, 1x 1Gb Nic, 650W PS, 500GB NVME, Win11 Pro (64bit) Rails included.	24TB
ZNR-2U-48TB		48TB
ZNR-2U-72TB		72TB
ZNR-2U-96TB		96TB
ZNR-2U-120TB	Dimensions: 25.6" x 16.8" x 3.2" / 650 x 426 x 89 mm	120TB

4U IP NVR SERIES



Models	Features	Storage
ZNR-4U-24TB	Intel Core Ultra 7 265 CPU, 16G RAM, 1x 2.5Gb Nic, 1x 1Gb Nic, 650W PS, 500GB NVME, Win11 Pro (64bit)	24TB
ZNR-4U-48TB		48TB
ZNR-4U-72TB		72TB
ZNR-4U-96TB		96TB
ZNR-4U-120TB	Dimensions: 21.6" x 17" x 7" / 584 x 432 x 177 mm	120TB

4U (10 BAY) IP NVR SERIES

Models	Features	Storage
ZNR-4U-144TB	Intel Core Ultra 9 285 CPU, 16G RAM, 1x 2.5Gb Nic, 1x 1Gb Nic, 750W PS, 500GB NVME, Win11 Pro (64bit), 8 bay configuration.	144TB
ZNR-4U-168TB		168TB
ZNR-4U-192TB		192TB
ZNR-4U-224TB		224TB
ZNR-4U-240TB	Dimensions: 7.00" x 16.90" x 25.60" (H x W x D)	240TB

Hardware specifications are subject to change without notice. Check the website for most recent updates.



ZNR RAID-5 LITE NVR SERIES

Models		Features	Storage
ZNR-72TB-RL	6x24TB (144TB raw)	6Gb/s HDD's, RAID5, 500GB NVME, Win11 Pro (64bit), Intel Core Ultra 9 285 CPU, Intel® UHD Graphics 770, 32GB RAM, 1x 2.5Gb Nic, 1x 1Gb Nic, 2x Hot Spare HDD's, Redundant Hot Swap PS, Dimensions: 26" x 17" x 5.2" / 660 x 432 x 132 mm	72TB
ZNR-96TB-RL	7x24TB (168TB raw)		96TB
ZNR-120TB-RL	8x24TB (192TB raw)		120TB
ZNR-144TB-RL	9x24TB (216TB raw)	***Raw storage capacity prior to RAID configuration, and formatting***	144TB
ZNR-168TB-RL	10x24TB (240TB raw)		168TB
ZNR-192TB-RL	11x24TB (264TB raw)		192TB



ZNR RAID-5 NVR SERIES

Models		Features	Storage
ZNR-72TB-R	6x24TB (144TB raw)	6Gb/s HDD's, RAID5, 500GB NVME Win 11 Pro (64bit), 1 x XEON® W5-2465X 16 CORE CPU, 1x 64Bit 2G Video card, 32GB RAM, 1x 10Gb Nic, 1x 2.5Gb Nic, 2x Hot Spare HDD's, Redundant Hot Swap PS Dimensions: 26" x 17" x 5.2" / 660 x 432 x 132 mm	72TB
ZNR-96TB-R	7x24TB (168TB raw)		96TB
ZNR-120TB-R	8x24TB (192TB raw)		120TB
ZNR-144TB-R	9x24TB (216TB raw)	***Raw storage capacity prior to RAID configuration, and formatting*** - Optional IPMI Remote Management	144TB
ZNR-168TB-R	10x24TB (240TB raw)		168TB
ZNR-192TB-R	11x24TB (264TB raw)		192TB



ZNR MINI NVR SERIES

ZNR Mini Ultra 5 225	Features	Storage	Dimensions
ZNR-MINI225-24TB	Intel Core Ultra 5 225 CPU w/630 UHD Graphics,16GB RAM 2x 1Gb Nic, 500GB NVME, Win11 Pro (64bit).	24TB	3.8" W x 16.1" D x 13" H
ZNR-MINI225-28TB		28TB	

ZNR Mini Ultra 5 235	Features	Storage	Dimensions
ZNR-MINI235-24TB	Intel Core Ultra 5 235 CPU, w/630 UHD Graphics, 16GB RAM, 2x 1Gb Nic, 500GB NVME, Win11 Pro (64bit).	24TB	3.8" W x 16.1" D x 13" H
ZNR-MINI235-28TB		28TB	



ZNR CLIENT PC

ZNR Workstation Client PC		HDD
ZNR-ClientPC	NVME drive, Win11 Pro (64bit), Intel Core Ultra 5 235 CPU, 32G RAM, 2x 1Gb Nics, 1x 650W PS, Built-in Intel UHD Graphics 730. Dimensions: 18" H x 18" D x 8" W	1TB
ZNR-ClientPC-24TB	500G NVME, Win11 Pro (64bit), Intel Core Ultra 7 265 CPU, 32G RAM, 2x 1Gb Nics, 1x 650W PS, 1x 64Bit Nvidia 6GB Video card (2x Monitor Support). Dimensions: 18" H x 18" D x 8" W	24TB (1x24TB)
ZNR Workstation Client PC-EXT		HDD
ZNR-ClientPC-EXT	500G NVME, Win11 Pro (64bit), Intel Core Ultra 9 285 CPU, 32G RAM, 2x 1Gb Nics, 1x 650W PS, 1x Nvidia RTX A4000 ADA (4x Monitor Support). Dimensions: 18" H x 18" D x 8" W	20TB (1x20TB)

Hardware specifications are subject to change without notice. Please check the website for most recent updates.

MEGAPIXEL VARIFOCA LENSES



Megapixel Varifocal Lenses - Manual Iris (CS Mount)							
Model	Format	Resolution	Focal Length	F No.	MOD	Iris	Mount
A4Z1214CS-MPIR	1/2.7"	3MP	12.5mm - 50mm	1	1.0m	Manual	CS
A4Z2812CS-MPIR	1/2.7"	3MP	2.8mm - 10mm	1	0.5m	Manual	CS
A6Z8516CS-MP	1/2.7"	3MP	8.5mm - 50mm	2	1.0m	Manual	CS
E3Z3915CS-MPWIR	1/1.8"	8MP	3.9mm - 10mm	2	0.8m	Manual	CS
Megapixel Varifocal Lenses - DC Iris (CS Mount)							
Model	Format	Resolution	Focal Length	F No.	MOD	Iris	Mount
AG4Z1214FCS-MPIR	1/2.7"	3MP	12.5mm - 50mm	1	1.0m	DC	CS
AG4Z2812FCS-MPIR	1/2.7"	3MP	2.8mm - 10mm	1	0.5m	DC	CS
AG6Z8516FCS-MP	1/2.7"	3MP	8.5mm - 50mm	2	1.0m	DC	CS
EG6Z0915FCS-MPWIR	1/1.8"	8MP	9mm - 50mm	2	3.0m	DC	CS
EG3Z3915FCS-MPWIR	1/1.8"	8MP	3.9mm - 10mm	2	0.8m	DC	CS
Megapixel Varifocal Lenses - P-Iris							
Model	Format	Resolution	Focal Length	F No.	MOD	Iris	Mount
AG4Z1214KCS-MPIR	1/2.7"	3MP	12.5mm - 50mm	1	1.0m	P-Iris	CS
AG4Z2812KCS-MPIR	1/2.7"	3MP	2.8mm - 10mm	1	0.5m	P-Iris	CS
AG6Z8516KCS-MP	1/2.7"	3MP	8.5mm - 50mm	2	1.0m	P-Iris	CS
EG6Z0915KCS-MPWIR	1/1.8"	8MP	9mm - 50mm	2	3.0m	P-Iris	CS
EG3Z3915KCS-MPWIR	1/1.8"	8MP	3.9mm - 10mm	2	0.8m	P-Iris	CS
EG7Z1519KCS-MPWIR	1/1.8"	8MP	15mm - 100mm	2	3.0m	P-Iris	CS

MEGAPIXEL I-CS LENSES



Model	Format	Resolution	Focal Length	F No.	MOD	Iris	Mount	
EG3Z3915TCS-MPWIR	1/1.8"	8MP	3.9mm - 10mm	2	0.8m	i-CS	CS	
EG6Z0915TCS-MPWIR	1/1.8"	8MP	9mm - 50mm	2	3.0m	i-CS	CS	

ITS LENSES (C-MOUNT)



Model	Format	Resolution	Focal Length	F No.	MOD	Iris	Mount	
V2518FIC-MPYIR	1.1"	12MP	25mm	2	1.0m	Manual	C	
V3518FIC-MPYIR	1.1"	12MP	35mm	2	2.0m	Manual	C	
V5020FIC-MPYIR	1.1"	12MP	50mm	2	3.0m	Manual	C	
VG2518KC-MPYIR-V31	1.1"	12MP	25mm	2	1.0m	P-Iris	C	
VG3518KC-MPYIR-V31	1.1"	12MP	35mm	2	2.0m	P-Iris	C	
VG5020KC-MPYIR-V31	1.1"	12MP	50mm	2	3.0m	P-Iris	C	

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