

# OPTIVIEW

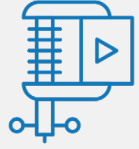
## **NVR32-8B-NCV**

32 Channel 4K 2U NVR with Analytics



### **People Counting**

Detect and track targets using Optiview's advanced image technology by with up to 4 customizable areas.



### **Ultra 265**

Ultra 265 helps you save up to 95% storage space and up to 75% storage cost



### **Smart Intrusion Prevention**

Significantly reduce false alarms by accurately detection human and vehicle detection in zones.



### **Ultra Motion Detection**

Human and Vehicle detection accuracy enhanced by machine learning for ultimate security.



### **16MP 4K IP**

Up to 16MP resolution for preview and playback and a maximum bandwidth of 320Mbps.

## **ULTRA MOTION DETECTION**

Utilizing machine learning and data intelligence, Ultra Motion Detection or UMD helps you filter out object based on motion detection, detecting motion of specified object types in the image, and trigger an alarm when such motion is detected. UMD supports two different object types: Person and Vehicle. UMD provides a detection rate of >90% up to 49ft and is more efficient than traditional motion detection, further reducing false-alarms. Ultra Motion Detection can be configured to your full screen or area detection.

## **SMART INTRUSION PREVENTION**

Utilizing machine learning and data intelligence, Smart Intrusion Prevention or SIP helps reduce false-alarm rates by allowing you to set up Cross Line Detection, Intrusion Detection, as well as Enter / Leave Area, all which can do any combination of human/vehicle/non-motor vehicle recognition. Smart Intrusion Prevention's detection rate of >95% helps you improve your perimeter protection, reduce false alarms while keeping you informed about the events that mater the most to you.

## **PEOPLE COUNTING**

The NVR32-8B-NCV detects and tracks target by using advanced image processing technology and deep learning algorithm. You can draw 4 polygon areas, and count people in each area; When the number of the people in the area is greater than or equal to/ lower than or equal to the defined threshold, the alarm will be triggered.

# NVR32-8B-NCV

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## PEOPLE COUNTING

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## ANR TECHNOLOGY

Network Video Recorders with the ANR function automatically store video data on an IP camera SD card when the network is disconnected. After recovery of the network, the NVR automatically retrieves the video data stored on the camera.

## ULTRA 265 COMPRESSION

Utilizing H.265 advanced video encoding, provides high-quality video while reducing the storage space needed to retain your video events. Users can add their own memory card to take advantage of its edge recording capabilities.

## NDAA COMPLIANCE

The John S. McCain National Defense Authorization Act (NDAA) is a United States federal law which specifies the budget, expenditures and policies of the U.S. Department of Defense. For Fiscal Year 2019, the NDAA Section 889, prohibits the U.S. government from procuring video and telecommunication equipment from certain Chinese companies and their subsidiaries. Some non government projects may require NDAA compliance if federal funding is being used.

## PRODUCT SPECIFICATIONS

VIDEO / AUDIO INPUT	
IP Video Input	32 Channel
Audio Input	1-ch, RCA

NETWORK	
Incoming Bandwidth	320 Mbps
Outgoing Bandwidth	160 Mbps
Remote Users	128
Protocols	TCP / IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP
Browser	IE ( IE10 / 11 ) for Windows Firefox ( version 52.0 and above ) for Windows Chrome ( version 45 and above ) for Windows Edge ( version 79 and above ) for Windows

SNAPSHOT	
FTP / Schedule / Event Snapshot	4-ch Snapshot, Up to D1 Resolution

VIDEO / AUDIO OUTPUT	
HDMI / VGA Output	HDMI: 4K ( 3840 x 2160 ) @ 30, 1920 x 1080p @ 60, 1920 x 1080p @ 50, 1600 x 1200 @ 60, 1280 x 1024 @ 60, 1280 x 720 @ 60, 1024 x 768 @ 60 VGA: 1920 x 1080p @ 60, 1920 x 1080p @ 50, 1280 x 1024 @ 60, 1600 x 1200 @ 60, 1280 x 720 @ 60, 1024 x 768 @ 60
Recording Resolution	12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 960p / 720p / D1 / 2CIF / CIF
Audio Output	1-ch, RCA
Two-Way Audio	1-ch, RCA ( Using the audio input ad output )
Audio Compression	G.711A, G.711U
Synchronous Playback	16-ch
Live View Display	VGA: 1 / 4 / 6 / 8 / 9 / 16 / 25 / 36 HDMI: 1 / 4 / 6 / 8 / 9 / 16 / 25 / 36
Corridor Mode Screen	3 / 4 / 5 / 7 / 9 / 10 / 12 / 16 / 32

DECODING	
Decoding Format	Ultra 265 / H.265 / H.264
Live View / Playback	12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 960p / 720p / D1 / 2CIF / CIF

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## PRODUCT SPECIFICATIONS CONT.

DECODING CONT.	
Capability	Ultra 265 / H.265: 2 x 12MP @ 30, 4 x 4K @ 30, 6 x 5MP @ 30, 8 x 4MP @ 30, 10 x 3MP @ 30, 16 x 1080p @ 30, 32 x 960p @ 25, 36 x 720p @ 30, 64 x D1 H.264: 2 x 12MP @ 30, 2 x 4K @ 30, 4 x 5MP @ 30, 6 x 4MP @ 30, 8 x 3MP @ 30, 14 x 1080p @ 30, 28 x 960p @ 25, 30 x 720p @ 30, 64 x D1

HARD DISK	
SATA	8 SATA Interfaces
Capacity	Up to 16 TB for Each Disk
Disk Group	Support

SMART	
VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, UMD ( Ultra Motion Detection )
VCA Search	Behavior Search, People Counting Report, Vehicle Search
People Counting	People Flow Counting, Crowd Density Monitoring
Smart Intrusion Prevention, Ultra Motion Detection, Vehicle Detection by Camera	Total 8-ch

GENERAL ALARM	
General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording / Snapshot Abnormal

EXTERNAL INTERFACE	
Network Interface	2 RJ-45 10M / 100M / 1000M self-adaptive Ethernet Interface
USB Interface	Front: 2 x USB 2.0, Rear Panel: 1 x USB 3.0
RS232	N / A
RS485	1
Alarm In	16-Ch
Alarm Out	4-Ch

GENERAL	
Power Supply	100 ~ 240V AC Power Consumption: ≤ 32W ( without HDD )
Working Environment	14°F ~ 131°F, Humidity ≤ 90% RH ( non-condensing )
Dimensions	17.4" ( W ) x 16.8" ( D ) x 3.5" ( H )
Weight ( Without HDD )	8.80 lbs

CERTIFICATIONS	
Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035
FCC	Part 15 Subpart B

## ADDITIONAL PRODUCTS



**OPTIVIEW'S VIDEO MONITORING SOFTWARE**  
Remote Monitoring



**SURVEILLANCE DRIVES**  
4TB / 8TB / 10TB



**IP4MIBC-212-SDAI-NCV**  
4MP VF Bullet Camera with Analytics



**IP4MIAB-28-SDA-NCV**  
4MP Fixed Lens Armor Ball IP Camera



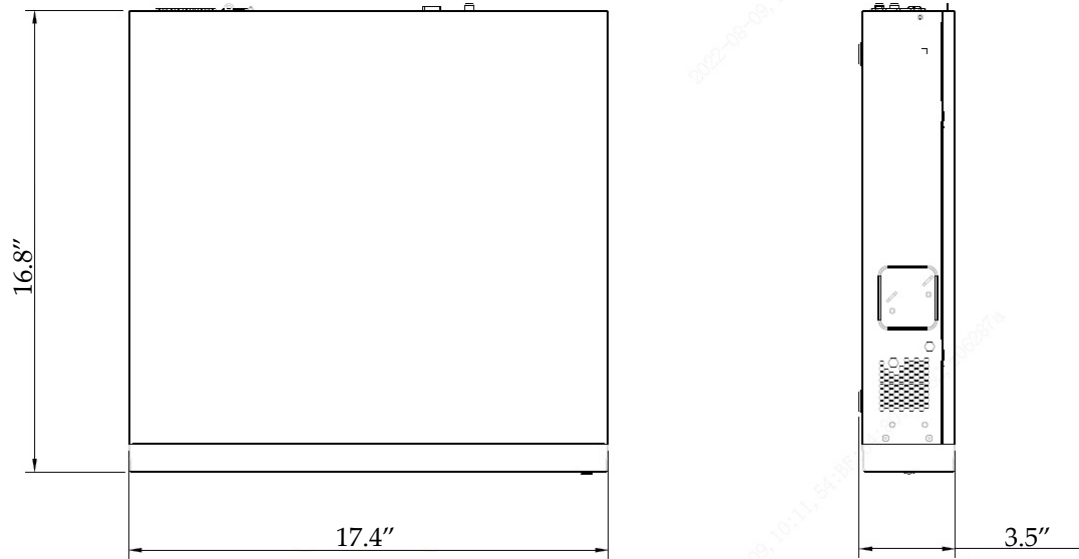
**IP4MIAD-212-Z-NCV**  
4MP Motorized Zoom Armor Dome IP Camera

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## DIMENSIONS



## REAR PANEL

