



NVR324K-4R-NCV

32 Channel 4K NDA Compliant RAID NVR



12MP IP

Capture Ultra HD with up to 12MP resolution recording. See more clear than you have ever seen before.



Smart Intrusion Prevention

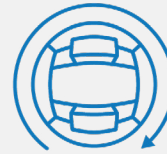
Significantly reduce false alarms by accurately detection human and vehicle detection in zones.

384

Mbps

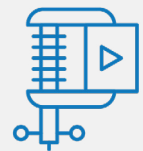
Bandwidth

The NVR324K-4R-NCV boasts a massive 384Mbps incoming and outgoing bandwidth.



Dewarp

Fully dewarp Fisheye and 360° Panoramic cameras on the native NVR in both live and playback mode



Ultra 265

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

4K RESOLUTION

4K resolution captures images four times the pixel density of 1080P which means that the finer details, such as faces or smaller items can be viewed with more detail than traditional 1080P surveillance.

DEWARP

With wider view cameras comes increasing image distortion. Dewarp allows real-time conversion of wide-angle images into clear flat views. With multiple view options, configure your view to exactly the points of interests you care about the most.

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.

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.

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ULTRA MOTION DETECTION

Utilizing machine learning and data intelligence, Ultra Motion Detection or UMD helps you filter out objects 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 specific area(s) for detection.

BANDWIDTH

With a higher throughput of 384Mbps your IP network cameras can record at higher frame rates and resolutions without maxing out.

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-ch
Two-Way Audio Input	1-ch, RCA

NETWORK	
Incoming Bandwidth	384Mbps
Outgoing Bandwidth	384Mbps
Remote Users	128
Protocols	P2P, UPnP, NTP, DHCP, PPPoE

VIDEO / AUDIO OUTPUT	
HDMI/VGA Output	VGA: 1920 x 1080p / 60Hz, 1920 x 1080p / 50Hz, 1600 x 1200 / 60Hz, 1280 x 1024 / 60Hz, 1280 x 720 / 60Hz, 1024 x 768 / 60Hz HDMI1/HDMI2 (HDMI audio output is not supported): 4K (3840 x 2160) / 30Hz, 1920 x 1080p / 60Hz, 1920 x 1080p / 50Hz, 1600 x 1200 / 60Hz, 1280 x 1024 / 60Hz, 1280 x 720 / 60Hz, 1024 x 768 / 60Hz
Recording Resolution	12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 960p / 720p / D1 / 2CIF / CIF
Audio Output	1-ch, RCA
Synchronous Playback	16-ch
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
Capability	2 x 12MP @ 30, 4 x 4K @30, 8 x 4MP@30, 9 x 4MP@25, 16 x 1080p@30, 32 x 960p@25

SMART	
VCA Detection by Camera	Face Detection, Vehicle Detection, Temperature Detection, Smart Intrusion Prevention, Ultra Motion Detection, Video Metadata, Traffic Monitoring, Human Detection, Non-Motor Vehicle Detection, Intrusion, Cross Line, Enter Area, Leave Area, People Counting, Dual Lens, Dewarp, License Plate Recognition, Scene Change, Object Left Behind, Object Removed, Auto Tracking, Defocus Detection
VCA Search	Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report
Smart by IPC	All channels (up to 16 images/s in total) Face Detection, Vehicle Detection, Temperature Detection, Smart Intrusion Prevention, Ultra Motion Detection, Video Metadata, Traffic Monitoring

HARD DISK	
SATA	4 SATA interfaces
Capacity	up to 10TB for each HDD

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PRODUCT SPECIFICATIONS CONT.

DISK ARRAY	
Array Type	RAID 1, 5

EXTERNAL INTERFACE	
Network Interface	2 x RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
Serial Interface	1 x RS485, 1 x RS232
USB Interface	Front panel: 2 x USB2.0 Rear panel: 1 x USB3.0
Alarm In	16-ch
Alarm Out	4-ch

GENERAL	
Power Supply	100~240 VAC Power Consumption: ≤ 25 W (without HDD)
Working Environment	+14°F~+131°F, Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	17.4" × 16.8" × 3.5"
Weight (without HDD)	≤ 12.57lb

ADDITIONAL PRODUCTS



NVR32P164K-4-NCV
32 Channel 16 PoE 4K
NDA Compliant NVR



SURVEILLANCE DRIVES
4TB / 8TB / 10TB



IP5F-NCV
5MP Fixed Fisheye NDA
Compliant Camera

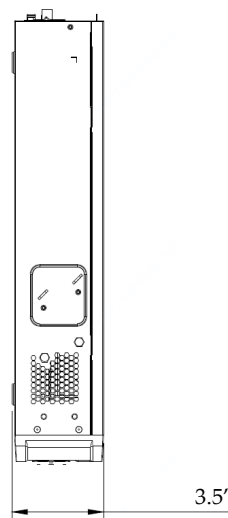
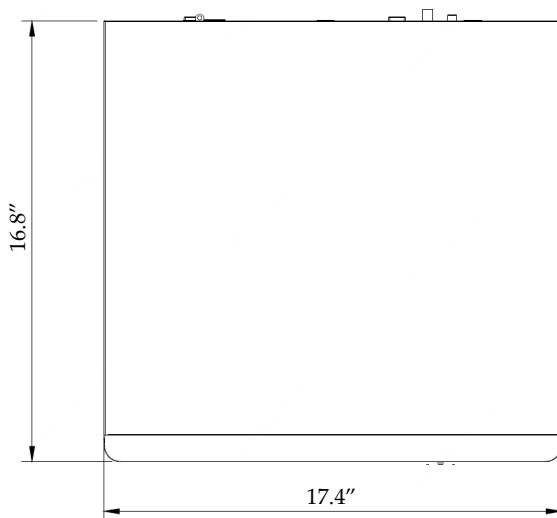


IP8MIAB-28-SDAI-NCV
8MP Fixed Armor Ball
NDA Compliant Camera



IP5MIAB-28-FC-NCV
5MP Full Color NDA
Compliant Camera

DIMENSIONS

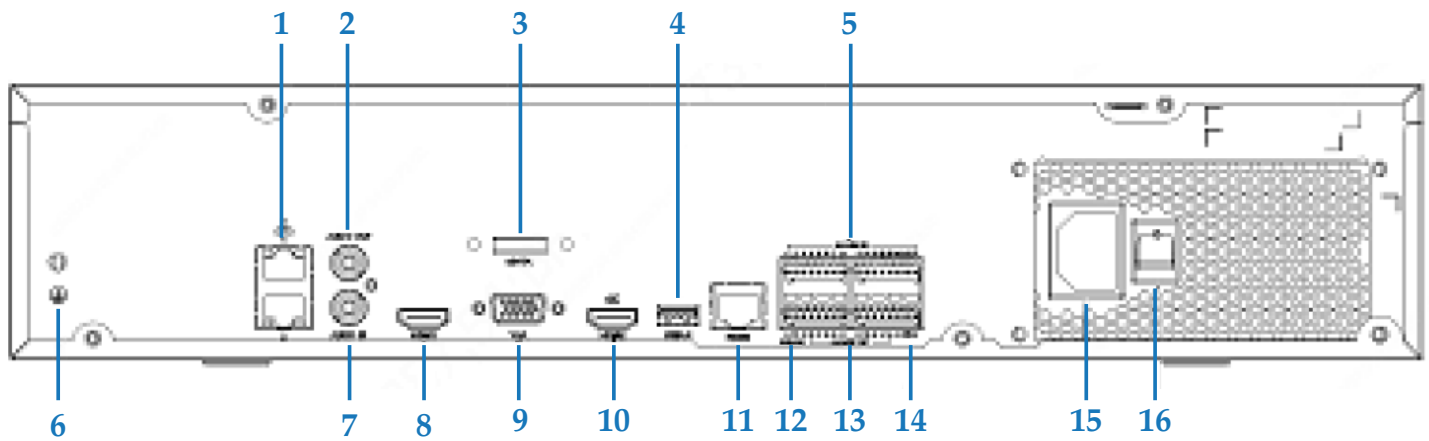


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REAR PANEL



- 1. Network Interface
- 2. Audio Output
- 3. eSATA Interface
- 4. USB 3.0

- 5. Alarm In
- 6. GND
- 7. Audio Input
- 8. HDMI Output

- 9. VGA Output
- 10. HDMI Output
- 11. RS-232
- 12. RS-485

- 13. Alarm Out
- 14. 12V Power Output
- 15. Power Supply
- 16. Power On / Off