



OPTIVIEW

NVR324K-4I-NCV

32 Channel 4K Intelligent NVR with Analytics



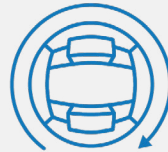
Perimeter Protection

Combine Tripwire & Intrusion with object detection (people or vehicles) for advanced motion detection.



ID+

Advanced motion detection that filters out false alarms and only triggers with people or vehicles.



Dewarp

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



AI Search

Advanced smart search feature that searches by people and vehicles, with additional filters such as color, model, etc.



12MP IP

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

PERIMETER PROTECTION

Combine multiple tripwire and intrusion IVS rules with object (people or vehicle) detection to enable advanced motion detection alarms and alerts. Ideal for crosswalks, parking lots, communities, lawns, schools, and more.

PEOPLE COUNTING

Detects and track targets 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.

FISHEYE DEWARPING

This NVR when connected with a fisheye camera gives you the ability to dewarp a 360° panoramic camera in realtime or in playback gives the user a much larger variety of views to choose from when live monitoring, or after an event occurs. You can choose from multiple modes like and can be adjusted for ceiling, wall, or counter top installation.

AI SMART SEARCH

Advanced AI Smart Search allows the user to perform searches by either people or vehicle (or both), and to add additional filters such as vehicle type or color, shirt color, gender, and more.

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.

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BANDWIDTH

With a higher throughput of 320Mbps 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 | 320Mbps |
| Outgoing Bandwidth | 320Mbps |
| Remote Users | 128 |
| Protocols | TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS |
| 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 |

| 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 HDMI: 4K (3840 x 2160) / 30Hz, 1920 x 1080p / 60Hz, 1920 x 1080p / 50Hz, 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 |
| Audio Compression | G.711A, G.711U |
| Synchronous Playback | 16-ch |
| Live View Display | 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 |
| Capability | 1 x 12MP @ 30, 2 x 4K @ 30, 5 x 4MP @ 30, 10 x 1080P @ 30, 22 x 720P @ 30, 32 x D1 |

| SNAPSHOT | |
|---------------------------------|--|
| FTP / Schedule / Event Snapshot | 16-ch snapshot, up to 1080P resolution |

| HARD DISK | |
|------------|------------------------|
| SATA | 4 SATA interfaces |
| Capacity | up to 8TB for each HDD |
| eSATA | NA |
| Disk Group | Support |
| RAID | RAID 1, 5 |

| SMART | |
|---|---|
| Motion Detection by Camera | Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking |
| AI Smart Search | Behavior Search, Vehicle Search |
| People Counting | People Flow Counting, Crowd Density Monitoring |
| Intelligent Detection & Vehicle Detection by Camera | Total 8-ch |

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PRODUCT SPECIFICATIONS

| GENERAL ALARM | |
|---------------|--|
| General Alarm | Motion, Tampering, Human Body Detection, Video Loss, Input Alarm, 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 RJ45 10M / 100M / 1000M self-adaptive Ethernet Interfaces |
| USB Interface | Front Panel: 1 x USB2.0, Rear Panel: 1 x USB2.0 1 x USB3.0 |
| RS232 | NA |
| RS485 | 1 |
| Alarm In | 16-ch |
| Alarm Out | 4-ch |

| GENERAL | |
|----------------------|---|
| Power Supply | 12V DC/5A Power Consumption: ≤ 12 W (without HDD) |
| Working Environment | -10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing) |
| Dimensions (W×D×H) | 17.3" × 13.5" × 1.9" |
| Weight (without HDD) | 6.61lb |

| CERTIFICATION | |
|---------------|--|
| Certification | CE, FCC, UL, RoHS, WEEE |
| CE | EN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035: 2017 |
| FCC | Part15 Subpart B, ANSI C63.4 |

ADDITIONAL PRODUCTS



OPTIVIEW'S VIDEO MONITORING SOFTWARE
Remote Monitoring



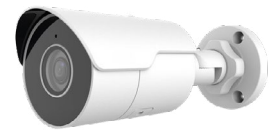
SURVEILLANCE DRIVES
4TB / 8TB / 10TB



IP4MIAB-28-SDA-NCV
4MP NDA Compliant
Armor Ball Camera

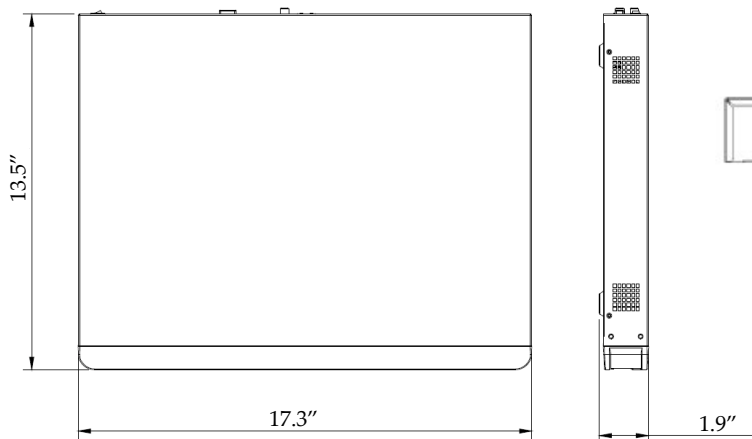


IP5F-NCV
5MP NDA Compliant IP
Fisheye Fixed Camera



IP4MIBC-28-SDA-NCV
4MP NDA Compliant
Bullet Camera

DIMENSIONS



REAR PANEL

