

NVR-8128K-DR

128 CH. Embedded 4K NVR, 16 HDD, supports up to 12MP Cameras

Our top-of-the-line recorder offers massive storage and processing power. It's capable of recording up to 128 channels of high definition video. Best of all, you will be recording and displaying surveillance footage of up to 4K resolution. The built-in video analytics make this a powerful unit ideal for large-scale projects that require smart surveillance. The device supports: tripwire, intrusion, scene change, and object abandon. In addition, the system supports audio baseline detection, so if the audio in a room goes from normal to violent, the system can take a snapshot, send an email, or set off an annunciator or alarm device. The NVR has redundant 120V power supplies, 4 gigabit Ethernet cards, and up to 16 hard drives with a total built in storage capacity of 96TB. With an Intel i7 processor and 8 gigabytes of RAM, this NVR is built for the toughest jobs.



FEATURES

- 128 Channels of High-Definition video
- 256Mbps of total bandwidth
- 16 SATA III ports, up to 128TB
- 4 RJ-45 Ethernet ports (10 / 100 / 1000Mbps)
- ONVIF 2.4
- 2 HDMI & 1 VGA port

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SPECIFICATIONS

System

| | |
|------------------|------------------|
| Main Processor | Intel Processors |
| Operating System | LINUX |

Audio & Video

| | |
|-----------------|--|
| IP Camera Input | 128 channel |
| Two-way Talk | 1 channel Input, 1 channel Output, RCA |

Display

| | |
|------------|--|
| Interface | 2 HDMI (up to 3840 x 2160), 1 VGA |
| Resolution | 3840 x 2160, 1920 x 1080, 1280 x 1024, 1280 x 720, & 1024 x 768 |
| Split | The 1st screen: 1 / 4 / 8 / 9 / 16 / 25 / 36 The 2nd screen: 1 / 4 / 8 / 9 / 16 |
| OSD | Camera title, Time, Video loss, Camera lock, Motion detection, & Recording |

Recording

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|--------------------|--|
| Compression | H.264 / MJPEG |
| Resolution | 12MP, 8MP, 6MP, 5MP, 3MP, 1080P, 1.3MP, 720P |
| Maximum Throughput | 256Mbps |
| Bit Rate | 1 ~ 20Mbps |
| Modes | Manual, Schedule (Regular (Continuous), MD, Alarm), & Stop |
| Interval | 1 ~ 120 min (default: 60 min) Pre-record: 1 ~ 30 sec Post-record: 10~300 sec |

Video Detection & Alarm

| | |
|-----------------|---|
| Trigger Events | Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips |
| Video Detection | Motion Detection, MD Zones: 396 (22 x 18), Video Loss, & Camera Blank |
| Alarm Input | 16ch, low level effective, green terminal interface |
| Relay Output | 8ch, Relay contact (1A@24VDC), NO / NC programmable, green terminal interface |

Playback & Backup

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|---------------|---|
| Sync Playback | 128Mbps in Raid 5 mode 64Mbps in single HDD mode |
| Search Mode | Time/Date, Alarm, MD, Exact search |

| | |
|--------------------|---|
| | (accurate to second), & Smart search |
| Playback Functions | Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, & Digital zoom |
| Backup Modes | USB Device, Network, or eSATA Device |

Network

| | |
|------------------|--|
| Ethernet | 4 RJ-45 ports (10 / 100 / 1000Mbps) |
| Ethernet Port | 4 Ethernet ports joint working or 4 independent 1000Mbps Ethernet ports |
| Functions | HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, & IP Search |
| Max. User Access | 128 |
| Smart Phone | Android, iOS, & Windows |

Storage

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|--------------|--|
| Internal HDD | 16 SATA III ports, up to 8TB each |
| HDD Mode | Single, Raid 0 / 1 / 5 / 6 / 10 / 50 / 60 (Support global HDD hot-spare) |

Auxiliary Interface

| | |
|-------------|---|
| Front Panel | Support hot swap, 7" inch HD LCD (1920 x 1080 / 1280 x 1024 / 1024 x 768) |
| USB | 4 USB ports(3 USB2.0, 1 USB3.0) |
| eSATA | 1 port |
| SAS | 1 Mini SAS port, for storage expansion |
| RS232 | 1 port, For PC communication & keyboard |
| RS485 | 1 port, for PTZ control |

General

| | |
|------------------------|--|
| Power Supply | AC100V~240V, 50~60Hz Redundant |
| Power Consumption | < 51.1W (w/o HDD) |
| Working Environment | 14°F ~ 131°F / -10°C ~ 55°C; 10% ~ 90% RH; 86~106kPa |
| Dimensions (W x D x H) | 20.9" x 19.1" (with ears) x 5.2" / 531mm x 485mm (with ears) x 133.2mm |
| Weight | 38.47lbs / 17.45kg (w/o HDD) |
| Installation | Rack-mounted (rack shelf required) |



Check Out Our Mobile App Lineup

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