

# NVR-7508K

## 8 Channel 2U Rackmount 4K NVR, supports up to 12MP cameras

The NVR-7508K features up to 8 channels of 4K video recording and playback with full 12MP resolution with a supported monitor. The NVR includes 8 SATA III ports for a total of 64TB of HDD capacity. It comes with 2 gigabit Ethernet ports for separating the camera traffic from your regular network. It supports up to 4K video on both of its HDMI outputs (1 VGA), which makes this NVR an exceptional choice for any high definition surveillance application.



## FEATURES

- 16 Channels, 192Mbps Max
- 8 SATA ports, 3 USB
- Built-in 16-Port PoE Switch
- ONVIF Compliant

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## SPECIFICATIONS

| System           |                    |
|------------------|--------------------|
| Main Processor   | Dual-core embedded |
| Operating System | Embedded LINUX     |

| Audio & Video   |                                        |
|-----------------|----------------------------------------|
| IP Camera Input | 8 channel                              |
| Two-way Talk    | 1 channel Input, 1 channel Output, RCA |

| Display    |                                                                                       |
|------------|---------------------------------------------------------------------------------------|
| Interface  | 2 HDMI, 1 VGA                                                                         |
| Resolution | 8MP (3840×2160), 1080P (1920×1080), 1.3MP (1280×1024), 720P (1280×720), D1 (1024×768) |
| Split      | 1 / 4 / 8 / 9                                                                         |
| OSD        | Camera title, Time, Video loss, Camera lock, Motion detection, & Recording            |

| Recording          |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| Compression        | H.265 / H.264 / MJPEG                                                              |
| Resolution         | 12MP, 8MP, 6MP, 5MP, 3MP, 1080P, 1.3MP, & 720P                                     |
| Maximum Throughput | 192Mbps                                                                            |
| Bit Rate           | 1 ~ 20Mbps                                                                         |
| Modes              | Manual, Schedule (Regular (Continuous), MD, Alarm), & Stop                         |
| Interval           | 1 ~ 120 min (default: 60 min)<br>Pre-record: 1 ~ 30 sec<br>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 (22×18), Video Loss, & Camera Blank                     |
| Alarm Input             | 16 Channel                                                                              |
| Relay Output            | 6 Channel                                                                               |

| Playback & Backup |           |
|-------------------|-----------|
| Sync Playback     | 1 / 4 / 9 |

|                    |                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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         | 2 RJ-45 ports (10 / 100 / 1000Mbps)                                                                                    |
| 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      |                              |
|--------------|------------------------------|
| Internal HDD | 8 SATA III ports, up to 64TB |
| External HDD | 1 eSATA port                 |

| Auxiliary Interface |                                         |
|---------------------|-----------------------------------------|
| USB                 | 4 ports (2 Rear USB3.0, 2 Front USB2.0) |
| eSATA               | 1 port                                  |
| RS232               | 1 port, For PC communication & keyboard |
| RS485               | 1 port, for PTZ control                 |

| General             |                                                      |
|---------------------|------------------------------------------------------|
| Power Supply        | Single, AC 100~240V, 50/60 Hz                        |
| Power Consumption   | 18.8W (w/o HDD)                                      |
| Working Environment | 14°F ~ 131°F / -10°C ~ 55°C; 10% ~ 90% RH; 86~106kPa |
| Dimensions (W×D×H)  | 17.5" × 17.3" × 3.7" / 445mm × 440mm × 95mm          |
| Weight              | 14.6lbs / 6.6kg (w/o HDD)                            |



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