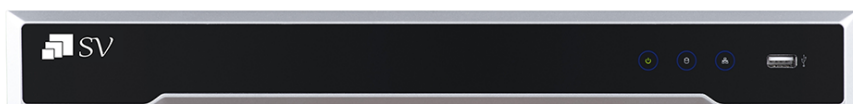# D-NVR-9908-K2-8P-4K/9916-16P-4K

## Features and Functions

**Professional and Reliable**

- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected

**HD Input**

- H.265/H.265+/H.264/H.264+/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 32 IP cameras can be connected
- Recording at up to 8 MP resolution
- Supports live view, storage, and playback of the connected camera at up to 8 MP resolution

**HD Output**

- HDMI and VGA independent outputs provided
- HDMI Video output at up to 4K (3840 × 2160) resolution

**HD Storage**

- Up to 2 SATA interfaces connectable for recording and backup
- Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

**HD Transmission**

- 1 self-adaptive 10M/100M/1000 Mbps network interface
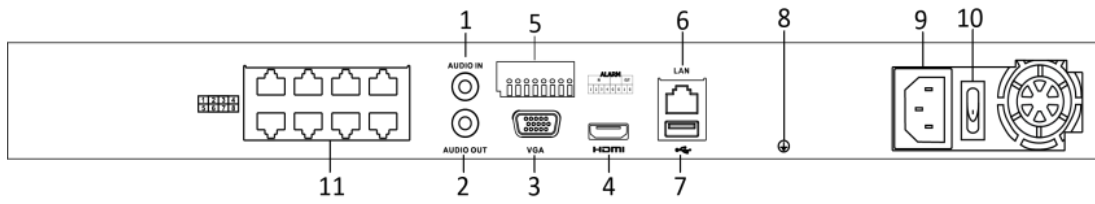- 8/16 independent PoE network interfaces are provided

**Various Applications**

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras from Hikvision and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Instant playback for assigned channel during multi-channel display mode
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports HDD quota and group modes; different capacity can be assigned to different channels.

# Specifications

| Model | | D-NVR-9908-K2-8P-4K | D-NVR-9916-16P-4K |
|---|---|---|---|
| **Video/ Audio input** | **IP video input** | 8-ch | 16-ch |
| | **Incoming bandwidth** | 80 Mbps | 160 Mbps |
| | **Outgoing bandwidth** | 160 Mbps | |
| **Video/ Audio output** | **HDMI output resolution** | 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | |
| | **VGA output resolution** | 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | |
| | **Audio output** | 1-ch, RCA (Linear, 1 KΩ) | |
| **Decoding** | **Decoding format** | H.265/H.265+/H.264/H.264+/MPEG4 | |
| | **Recording resolution** | 8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF | |
| | **Synchronous playback** | 8-ch | 16-ch |
| | **Capability** | 2-ch @ 4K, or 8-ch @ 1080p | |
| **Network management** | **Network protocols** | TCP/IP, DHCP, HIK Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS | |
| **Hard disk** | **SATA** | 2 SATA interfaces | |
| | **Capacity** | Up to 6TB capacity for each HDD | |
| **External interface** | **Two-way audio** | 1-ch, RCA (2.0 Vp-p, 1kΩ) | |
| | **Network interface** | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface | |
| | **USB interface** | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0 | |
| | **Alarm in/out** | 4/1 | |
| **POE interface** | **Interface** | 8, RJ-45 10/100 Mbps self-adaptive Ethernet interface | 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface |
| | **Power** | ≤ 120 W | ≤ 200 W |
| | **Supported standard** | IEEE 802.3 af/at | |
| **General** | **Power supply** | 100 to 240 VAC | |
| | **Power** | ≤ 180 W | ≤ 280 W |
| | **Consumption (without hard disk)** | ≤ 15 W (without enabling PoE) | |
| | **Working temperature** | -10 to +55° C (14 to 131° F) | |
| | **Working humidity** | 10 to 90 % | |
| | **Chassis** | 385 mm chassis | |
| | **Dimensions (W × D × H)** | 385 × 315× 52 mm (15.2" × 12.4" × 2.0") | |
| | **Weight (without hard disk)** | ≤ 3 kg (6.6 lb) | |

# Physical Interfaces



| Index | Description | Index | Description |
|---|---|---|---|
| 1 | AUDIO IN | 7 | USB 3.0 Interface. |
| 2 | AUDIO OUT | 8 | GND |
| 3 | VGA Interface | 9 | 100 to 240 VAC power supply |
| 4 | HDMI Interface | 10 | Power Switch |
| 5 | Controller Port, Alarm In/Alarm Out | 11 | Network Interfaces with PoE function |
| 6 | LAN Network Interface | | |