

## DS-7100NI-E1/P SERIES NVR



### Features and Functions

#### Video Input and Transmission

- Connectable to the third-party network cameras
- Up to 8 network cameras can be connected

#### Compression and Recording

- H.264+ compression effectively reduces the storage space and costs by up to 50%
- Full channel recording at up to 4 MP resolution

#### HD Video Output

- HDMI/VGA output at 1080p resolution

#### Storage and Playback

- Up to 2-ch synchronous playback at 4 MP resolution or 4-ch at 1080p resolution
- 1 SATA hard disks can be connected with 6TB capacity
- HDD quota and group modes; different capacity can be assigned to different channel

#### Smart Function

- Supports multiple VCA(Video Content Analytics) events detection
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- One-key operation: automatically search, modify and add IP cameras after device is activated

#### Network & Ethernet Access

- Hik-Connect and DyDDNS for easy network management
- 100 Mbps Ethernet network interface
- 4/8 independent 100 Mbps built-in switch network interfaces

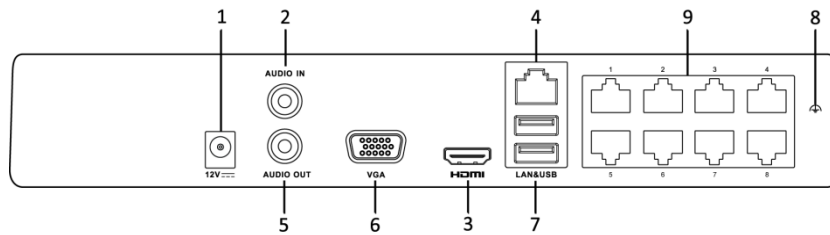


## Specifications

| Model              |   | DS-7104NI-E1/4P   | DS-7108NI-E1/8P   |
|--------------------|---|---|---|
| Video/Audio input  | IP video input                          | 4-ch  | 8-ch  |
|                    | Two-way audio input                     | 1-ch, RCA (2.0 Vp-p, 1kΩ)   |   |
| Network            | Incoming bandwidth                      | 40 Mbps   | 60 Mbps   |
|                    | Outgoing bandwidth                      | 40 Mbps   | 40 Mbps   |
|                    | Remote connection                       | 64  |   |
| Video/Audio output | Recording resolution                    | 4 MP/3 MP/1080p/1.3 MP/UXGA/720p/VGA/4CIF /DCIF/2CIF/CIF/QCIF   |   |
|                    | Frame rate                              | Main stream: 50 fps (P)/60 fps (N)  |   |
|                    |   | Sub-stream: 50 fps (P)/60 fps (N)   |   |
|                    | HDMI/VGA output                         | 1-ch, resolution:<br>1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |   |
| Audio output       | 1-ch, RCA (Linear, 1kΩ)                 |   |   |
| Decoding           | Live view/Playback resolution           | 4 MP/3 MP/1080p/1.3 MP /UXGA/720p/VGA/4CIF /DCIF/2CIF/CIF/QCIF  |   |
|                    | Capability                              | 2-ch@4 MP, 4-ch@1080p   |   |
| Hard disk          | SATA                                    | 1 SATA interface for 1 HDD  |   |
|                    | Capacity                                | Up to 6TB for each disk   |   |
| Network management | Network protocols                       | TCP/IP, DHCP, Hik-Connect, DDNS, NTP, SADP, SMTP, UPnP™   |   |
| External interface | Network interface                       | 1 RJ-45 10/100 Mbps self-adaptive Ethernet interface  |   |
|                    |   | 4 independent 100 Mbps built-in switch network interfaces   | 8 independent 100 Mbps built-in switch network interfaces |
|                    | USB interface                           | 2 × USB 2.0   |   |
| PoE                | Interface                               | 4 independent 100 Mbps PoE network interfaces   | 8 independent 100 Mbps PoE network interfaces             |
|                    | Max. Power                              | 50 W  | 80 W  |
|                    | Supported standard                      | AF and AT   |   |
| General            | Power supply                            | 48 VDC  |   |
|                    | Consumption (without hard disk and PoE) | ≤ 60 W  | ≤ 96 W  |
|                    | Working temperature                     | -10 °C to +55 °C (14 °F to 131 °F)  |   |
|                    | Working humidity                        | 10 % to 90 %  |   |
|                    | Chassis                                 | Standalone 1U chassis   | 385 mm chassis  |
|                    | Dimensions (W × D × H)                  | 200 × 205 × 48 mm (7.9" × 8.1" × 1.9")  | 285 × 215 × 48 mm (11.2" × 8.5" × 1.9")                   |
|                    | Weight (without hard disk)              | ≤ 1 kg (2.2 lb)   |   |

# Physical Interfaces

DS-7108NI-E1/8P



The rear panel of DS-7104NI-E1/4P provides 4 independent 100 Mbps built-in switch network interfaces.

| Index | Name                  | Index | Name                   |
|-------|-----------------------|-------|------------------------|
| 1     | Power Supply          | 6     | VGA Interface          |
| 2     | Audio In              | 7     | USB Interface          |
| 3     | HDMI Interface        | 8     | Ground                 |
| 4     | LAN Network Interface | 9     | PoE Ethernet Interface |
| 5     | Audio Out             |       |                        |

## Available Models

DS-7104NI-E1/4P, DS-7108NI-E1/8P

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