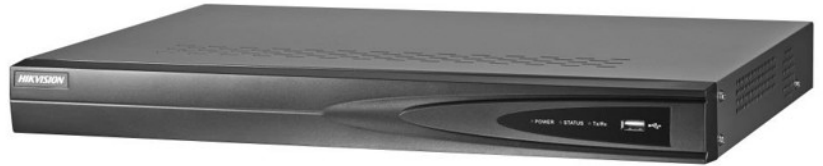


DS-7R04NI-E1/4P and DS-7R00NI-E2/8P (16P) SERIES PoE NVR



Features and Functions

Video Input and Transmission

- Up to 4/8/16/32-ch ONVIF conformant IP cameras input
- Live view of the connected camera at up to 6MP resolution

Compression and Recording

- H.264+ compression improves encoding efficiency by up to 50% and reduces data storage costs
- Full channel recording at up to 6MP resolution

Video Output

- HDMI output and VGA output at up to 1920×1080p resolution

Storage and Playback

- Up to two SATA interfaces (up to 4TB of capacity per HDD)
- Up to 16-ch synchronous playback at 4CIF resolution
- Smart search for efficient playback
- USB 3.0 provides high-speed file transfer and backup

Smart Function

- Supports multiple VCA(Video Content Analytics) events for IP cameras

Network & Ethernet Access

- Hik-Connect for easy network management
- Gigabit Ethernet network interface
- 4/8/16 independent PoE network interfaces provided



Specifications

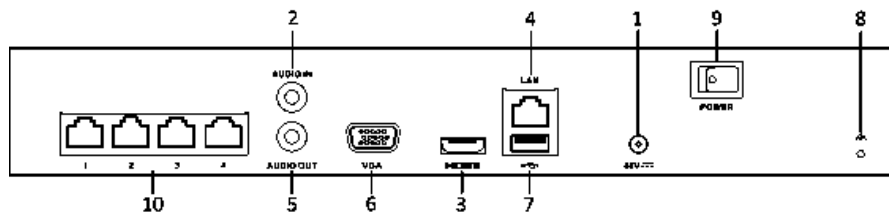
| Model | | DS-7R04NI-E1/4P | DS-7R08NI-E2/8P |
|--------------------|---|---|---|
| Video/Audio input | IP video input | 4-ch | 8-ch |
| | Two-way audio input | 1-ch, RCA (2.0 Vp-p, 1kΩ) | |
| Network | Incoming bandwidth | 40 Mbps | 80 Mbps |
| | Outgoing bandwidth | 80 Mbps | |
| | Remote connection | 32 | |
| Video/Audio output | Recording resolution | 6MP/5MP/4MP/3MP/1080p/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: 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 | 6MP/5MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF | |
| | Capability | 4-ch@1080p | 8-ch@720p, 5-ch@1080p |
| Network management | Network protocols | TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS | |
| Hard disk | SATA | 1 SATA interface for 1 HDD | 2 SATA interfaces for 2 HDDs |
| | Capacity | Up to 4TB for each disk | |
| External interface | Network interface | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface | |
| | USB interface | 1 × USB 2.0 and 1 × USB 3.0 | |
| | Alarm in/out (Optional) | 4/1 | |
| PoE | Interface | 4 independent 100 Mbps PoE network interfaces | 8 independent 100 Mbps PoE network interfaces |
| | Max. Power | 50 W | 120 W |
| | Supported standard | AF and AT | |
| General | Power supply | 48 VDC | 100 to 240 VAC |
| | Consumption (without hard disk and PoE) | ≤ 10 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) | 315 × 240 × 48 mm (12.4" × 9.4" × 1.9") | 385 × 315 × 52 mm (15.2" × 12.4" × 2.0") |
| | Weight (without hard disk) | ≤ 1 kg (2.2 lb) | |

Specifications

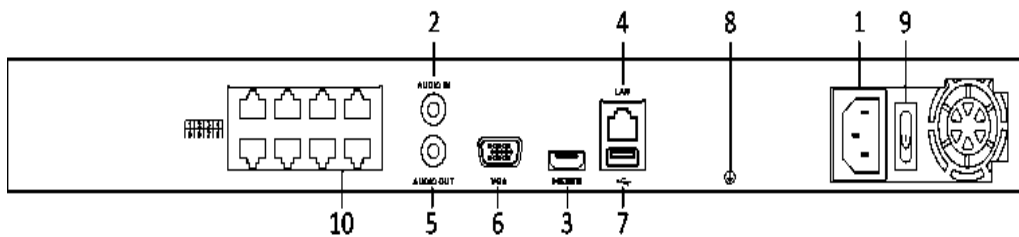
| Model | | DS-7R16NI-E2/8P | DS-7R32NI-E2/8P | DS-7R16NI-E2/16P | DS-7R32NI-E2/16P |
|----------------------------|---|---|--|------------------|------------------|
| Video/Audio input | IP video input | 16-ch | 32-ch | 16-ch | 32-ch |
| | Two-way audio input | 1-ch, RCA (2.0 Vp-p, 1kΩ) | | | |
| Network | Incoming bandwidth | 160 Mbps | | | |
| | Outgoing bandwidth | 80 Mbps | | | |
| | Remote connection | 128 | | | |
| Video/Audio output | Recording resolution | 6MP/5MP/4MP/3MP/1080p/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: 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 | 6MP/5MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF | | | |
| | Capability | 16-ch@4CIF, 12-ch@720p, 6-ch@1080p | | | |
| Network management | Network protocols | TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS | | | |
| Hard disk | SATA | 2 SATA interfaces for 2 HDDs | | | |
| | Capacity | Up to 4TB for each disk | | | |
| External interface | Network interface | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface | | | |
| | USB interface | 1 × USB 2.0 and 1 × USB 3.0 | | | |
| | Alarm in/out (Optional) | 4/1 | | | |
| PoE | Interface | 8 independent 100 Mbps PoE network interfaces | 16 independent 100 Mbps PoE network interfaces | | |
| | Max. Power | 120 W | 200 W | | |
| | Supported standard | AF and AT | | | |
| General | Power supply | 100 to 240 VAC | | | |
| | Consumption (without hard disk and PoE) | ≤ 10 W | ≤ 15 W | | |
| | Working temperature | -10 °C to +55 °C (14 °F 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) | ≤ 1 kg (2.2 lb) | | | | |

Physical Interfaces

DS-7R00NI-E1/4P



DS-7R00NI-E2/8P



The rear panel of DS-7R16NI-E2/16P and DS-7R32NI-E2/16P provides 16 independent 100 Mbps PoE network interfaces.

| Index | Description | Index | Description |
|-------|-----------------------|-------|--------------------------------------|
| 1 | Power Supply | 5 | VGA Interface |
| 2 | Audio In | 6 | USB Interface |
| 3 | HDMI Interface | 8 | Ground |
| 4 | LAN Network Interface | 9 | Power Switch |
| 5 | Audio Out | 10 | Network Interfaces with PoE Function |

Available Models

DS-7R04NI-E1/4P;
 DS-7R08NI-E2/8P, DS-7R16NI-E2/8P, DS-7R32NI-E2/8P;
 DS-7R16NI-E2/16P, DS-7R32NI-E2/16P.



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