

DS-7P00NI-E4 SERIES NVR



Features and Functions

Video Input and Transmission

- Up to 32-ch ONVIF conformant IP cameras input (max. incoming bandwidth: 160 Mbps)
- Live view of the connected camera at up to 6 MP 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 6 MP resolution

Video Output

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

Storage and Playback

- Four SATA interfaces (up to 6TB 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

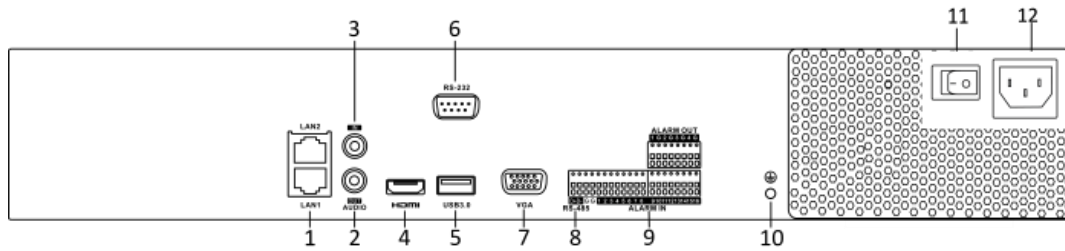
- Hik-Connect for easy network management
- 2 Gigabit Ethernet network interfaces



Specifications

| Model | | DS-7P08NI-E4 | DS-7P16NI-E4 | DS-7P32NI-E4 |
|--------------------|--|--|------------------------------------|--------------|
| Video/Audio input | IP video input | 8-ch | 16-ch | 32-ch |
| | Two-way audio | 1-ch, RCA (2.0 Vp-p, 1kΩ) | | |
| Network | Incoming bandwidth | 80 Mbps | 160 Mbps | 160 Mbps |
| | Outgoing bandwidth | 80 Mbps | | |
| | Remote connection | 32 | 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 | 8-ch@720p, 5-ch@1080p | 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 | 4 SATA interfaces for 2 HDDs + 1 DVD-R/W (default), or 4 HDDs | | |
| | eSATA (Optional) | 1 eSATA interface | | |
| | Capacity | Up to 6TB capacity for each HDD | | |
| External interface | Network interface | 2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces | | |
| | Serial interface | RS-232 and RS-485 | | |
| | USB interface | 2 × USB 2.0 and 1 × USB 3.0 | | |
| | Alarm in/out | 16/4 (optionally can be expanded to 16/8) | | |
| General | Power supply | 100 to 240 VAC | | |
| | Consumption (without hard disk or DVD-R/W) | ≤ 20 W | ≤ 20 W | ≤ 20 W |
| | Working temperature | -10 °C to +55 °C (14 °F to 131 °F) | | |
| | Working humidity | 10 % to 90 % | | |
| | Chassis | 19-inch rack-mounted 1.5U chassis | | |
| | Dimensions (W × D × H) | 445 × 400 × 71 mm (17.5" × 15.7" × 2.8") | | |
| | Weight (without hard disk or DVD-R/W) | ≤ 4 kg (8.82 lb) | | |

Physical Interfaces



| Index | Description | Index | Description |
|-------|----------------------------------|-------|---------------------------|
| 1 | LAN1 and LAN2 Network Interfaces | 7 | VGA Interface |
| 2 | AUDIO OUT | 8 | RS-485 Serial Interface |
| 3 | AUDIO IN | 9 | ALARM IN and ALARM OUT |
| 4 | HDMI Interface | 10 | GND |
| 5 | USB 3.0 Interface | 11 | 100 to 240VAC Power Input |
| 6 | RS-232 Serial Interface | 12 | Power Switch |

Available Models

DS-7P08NI-E4, DS-7P16NI-E4 and DS-7P32NI-E4

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