

DS-9000HUHI-F8/N SERIES TURBO HD DVR



Features and Functions

Appearance Design

- Typical chassis design to guarantee the low noise and environmental protection of the device
- Front slot of DVD-R/W for more convenient installation and maintenance

Video Input and Transmission

- Connectable to HDTVI, AHD and analog cameras
- Up to 10/18/32-ch 8 MP IP cameras input for DS-9004/9008/9016HUHI-F8/N
- Long distance transmission over UTP and coaxial cable

Compression and Recording

- One-key enable H.264+ compression improves encoding efficiency by up to 50% and reduces data storage costs
- Full channel recording at up to 3 MP resolution
- Supports POS triggered recording and POS information overlay

Video Output

- Simultaneous HDMI1 and VGA output at up to 1920 × 1080 resolution, and independent HDMI 2 output at up to 4K (3840 × 2160) resolution
- Independent CVBS output improves compatibility at the most possibility and serves as the aux output or live view output only

Storage and Playback

- Eight SATA interfaces (up to 6 TB capacity per HDD)
- Hot-swappable HDD supporting RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme
- 4/8/16-ch synchronous playback
- Smart search for efficient playback
- Supports playback by main stream, or sub-stream for IP cameras
- Supports the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Supports line crossing detection and intrusion detection of all channels
- Supports people counting and heat map functions for 1-ch analog camera
- VQD (Video Quality Diagnostics)
- Unlock pattern for device login for the admin and clear-text password available
- GUID file can be exported for password resetting and imported for finding the forgotten password
- Supports PTZ control via Omnicast VMS of Genetec protocol

Network & Ethernet Access

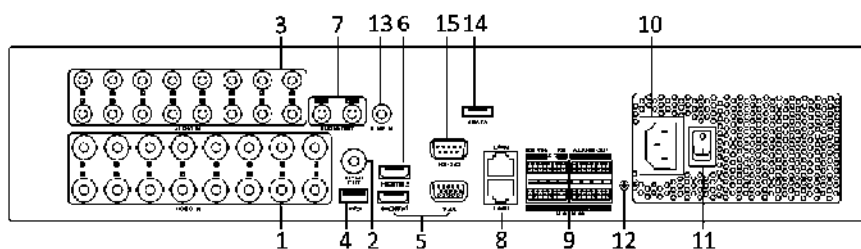
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- Two gigabit Ethernet network interfaces
- Output bandwidth limit configurable



Specifications

| Model | | DS-9004HUHI-F8/N | DS-9008HUHI-F8/N | DS-9016HUHI-F8/N | |
|----------------------|---------------------------|--|--|---------------------|---------------------|
| Video/Audio input | Video compression | H.264+/H.264 | | | |
| | Analog video input | 4-ch | 8-ch | 16-ch | |
| | HDTVI input | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection | | | |
| | AHD input | 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60 | | | |
| | CVBS input | Support | | | |
| | IP video input | | 6-ch (up to 10-ch) | 10-ch (up to 18-ch) | 18-ch (up to 32-ch) |
| | | | Up to 8 MP resolution H.265/H.264+/H.264 | | |
| | Network bandwidth | 200 Mbps | 260 Mbps | 320 Mbps | |
| | Audio compression | G.711u | | | |
| | Audio input | | 4-ch | 8-ch | 16-ch |
| | | RCA (2.0 Vp-p, 1 KΩ) | | | |
| Video/Audio output | CVBS output | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480 | | | |
| | HDMI1/VGA output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | | | |
| | HDMI2 output | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | | | |
| | Encoding resolution | 3 MP/1080p/720p/WD1/4CIF/VGA/CIF | | | |
| | Frame rate | | Main stream: 3 MP@15fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) | | |
| | | | Sub-stream: WD1/4CIF@12fps; CIF/QVGA/QCIF@25fps (P)/30fps (N) | | |
| | Video bit rate | 32 Kbps to 10 Mbps | | | |
| | Audio output | 2-ch, RCA (Linear, 1 KΩ) | | | |
| | Audio bit rate | 64 Kbps | | | |
| | Dual stream | Support | | | |
| Stream type | Video, Video & Audio | | | | |
| Synchronous playback | | 4-ch | 8-ch | 16-ch | |
| | | | | | |
| Network management | Remote connections | 128 | | | |
| | Network protocols | TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP | | | |
| Hard disk | SATA | 8 SATA interfaces | | | |
| | eSATA | Support | | | |
| | Capacity | Up to 6 TB capacity for each disk. | | | |
| Disk array | Array type | RAID 0, RAID 1, RAID 5, RAID 6, RAID 10 | | | |
| External interface | Two-way audio input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent) | | | |
| | Network interface | 2, RJ45 10M/100M/1000M self-adaptive Ethernet interface | | | |
| | USB interface | Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0 | | | |
| | Serial interface | RS-232, RS-485 (full-duplex), Keyboard | | | |
| | Alarm in/out | 16/4 | | | |
| General | Power supply | 100 to 240 VAC | | | |
| | Consumption (without HDD) | ≤ 35 W | ≤ 45 W | ≤ 65 W | |
| | Working temperature | -10 °C to +55 °C (14 °F to 131 °F) | | | |
| | Working humidity | 10% to 90% | | | |
| | Dimensions (W × D × H) | 445 × 470 × 90 mm (17.5 × 18.5 × 3.5 inch) | | | |
| | Weight (without HDD) | ≤ 8 kg (17.6 lb) | | | |

Physical Interfaces



NOTE

The rear panel of DS-9004/9008HUHI-F8/N provides 4/8 video input interfaces.

| Index | Description | Index | Description |
|-------|----------------------------------|-------|---|
| 1 | VIDEO IN | 9 | RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT |
| 2 | VIDEO OUT | 10 | 100 to 240 VAC Power Input |
| 3 | AUDIO IN, RCA Connector | 11 | Power Switch |
| 4 | USB Interface | 12 | GND |
| 5 | HDMI1/VGA Interface | 13 | LINE IN |
| 6 | HDMI2 Interface | 14 | eSATA Interface |
| 7 | CVBS AUDIO OUT and VGA AUDIO OUT | 15 | RS-232 Serial Interface |
| 8 | LAN1 and LAN2 Network Interfaces | | |

Distributed by



Available Models

DS-9004HUHI-F8/N, DS-9008HUHI-F8/N, DS-9016HUHI-F8/N

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