

DS-7300HUHI-F4/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 HDTV, AHD, network and analog cameras;
- Up to 6/10/18-ch 8MP ONVIF conformant IP cameras input for DS-7304/7308/7316HUHI-F4/N;
- Long distance transmission over twisted-pair cable & coax cable;

Compression and Recording

- H.264+ compression improves encoding efficiency by up to 50% and reduces data storage costs;
- H.265 compression for the IP cameras to ensure high video quality with lowered bitrate;
- Full channel recording at up to 3MP 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;
- CVBS output improves compatibility at the most possibility;

Storage and Playback

- Four SATA interfaces (up to 6TB of capacity per HDD);
- Hot-swappable HDD supporting RAID 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;
- VQD(Video Quality Diagnostics);

Network & Ethernet Access

- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management;
- Two Gigabit Ethernet network interfaces.



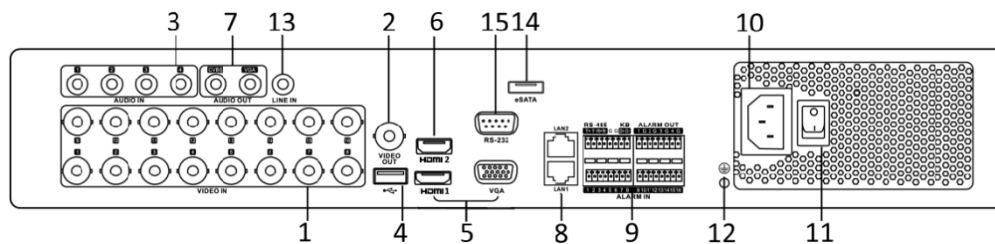
Specifications

| Model | | DS-7304HUHI-F4/N | DS-7308HUHI-F4/N | DS-7316HUHI-F4/N | |
|-----------------------------|----------------------------------|---|---|---------------------|--|
| Video/Audio input | Video compression | H.264+/H.264 H.265 for IP camera | | | |
| | Analog video input | 4-ch | 8-ch | 16-ch | |
| | | BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection | | | |
| | HDTVI input | 1080p/25Hz, 1080p/30Hz, 720p/25Hz, 720p/30Hz, 720P/50Hz, 720p/60Hz, 3MP | | | |
| | AHD input | 720p/25Hz, 720p/30Hz | | | |
| | CVBS input | Support | | | |
| | IP video input | 4-ch (up to 6-ch) Up to 8 MP resolution | 8-ch (up to 10-ch) | 16-ch (up to 18-ch) | |
| | Audio compression | G.711u | | | |
| | Audio input | 4-ch, RCA (2.0 Vp-p, 1 KΩ) | | | |
| | Video/Audio output | CVBS output | Support | | |
| HDMI1/VGA output | | 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz | | | |
| HDMI2 output | | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz | | | |
| Encoding resolution | | 3MP (non-real-time); 1080P/720P/WD1/4CIF/VGA/CIF (real-time) | | | |
| Frame rate | | Main stream: 25fps(P)/30fps(N) Sub-stream: WD1/4CIF (non-real-time); CIF/QVGA/QCIF (real time) | | | |
| 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 | 4 SATA interfaces | | | |
| | eSATA | Support | | | |
| | Capacity | Up to 6TB capacity for each disk. | | | |
| 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 interfaces | | | |
| | USB interface | Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0 | | | |
| | Serial interface | 1 RS-232 serial interface 1 RS-485 serial interface, full-duplex 1 RS-485 keyboard interface | | | |
| | 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 × 390 × 70 mm (17.5 × 15.4 × 2.8 inch) | | | |
| | Weight (without HDD) | ≤ 5 kg (11.0lb) | | | |



For 7300HUHI-F4/N series DVR, TVI and AHD signals cannot be mixed randomly. Each two video channels should be grouped in sequence, e.g., CH01 and CH02, CH03 and CH04..., and each two channels in the same group must be connected with the same type of video source selected on GUI. For example, when the TVI/CVBS signal mode is selected, then either TVI or CVBS signal input can be connected to the channels in the same group; and when the AHD signal mode is selected, only the AHD signal input can be connected. The above information is for reference only. Please refer to the specific configuration of the device.

Physical Interfaces



The rear panel of DS-7304HUHI-F4/N and DS-7308HUHI-F4/N provide 4 and 8 video input interfaces respectively.

| 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 Port | 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 | | |

Available Models

DS-7304HUHI-F4/N, DS-7308HUHI-F4/N, DS-7316HUHI-F4/N

Distributed by



Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Europe
T +31-23-5542770
saleseuro@hikvision.com

Hikvision France
T +33(0)1-85-330-444
info.fr@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Poland
T +48-22-460-01-50
poland@hikvision.com

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision UK
T +44-1628-9021-4
support.uk@hikvision.com