

HIK-7300SQ-F4/N SERIES HD TURBO DVR



Features and Functions

Video Input and Compression

- Connectable to HD-TVI, AHD, network and analog cameras;
- Supports HIKVISION-C protocol for connecting camera over coax;
- H.264+/H.264 video compression, and H.264+ ensures high video quality with lower bitrates;
- Channel-zero encoding;

Video Output and Extranet Access

- Simultaneous HDMI, VGA and CVBS outputs, and HDMI output at up to 4K (3840 × 2160) resolution and VGA output at up to 1920 × 1080 resolution;
- Manual video quality diagnostics;
- Supports access by Hik-connect Cloud P2P;
- Supports Hikvision DDNS (Dynamic Domain Name System);

Video Recording and Storage

- One-key recording configurable;
- Main stream and sub-stream parameters configurable for simultaneous recording;
- Supports 1080p lite mode enabled to realize the real-time 1080p lite and 720p lite resolution;
- Supports locking and unlocking of video files;
- HDD quota and group management; different capacity can be assigned to different cameras under quota mode;
- Four SATA interfaces provided;
- Supports POS triggered recording and alarm;
- Supports Cloud storage (One Drive, Google Drive or Drop Box);

Video Playback

- Instant playback for assigned camera during multi-channel live view mode;
- Up to 4/8/16-ch synchronous playback at 1080p resolution;
- Playback at up to 256X speed;
- Main stream and sub-stream selectable for local/remote playback;
- Playback by smart search and VCA search;
- Customization of tags, searching and playing back by tags;

Alarm

- Alarm for video loss, motion detection, video tampering, etc.;
- Supports 1-ch VCA (line crossing detection, intrusion detection or audio exception detection);
- Supports POS triggered alarm;

Physical Interfaces

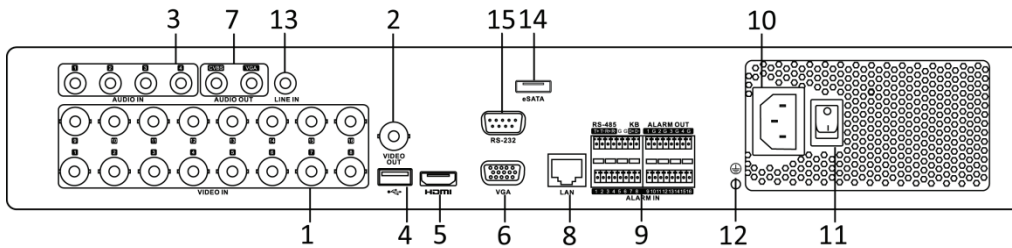
- One RJ45 10M/100M/1000Mbps self-adaptive network interface.



Specifications

| Model | | HIK-7304SQ-F4/N | HIK-7308SQ-F4/N | HIK-7316SQ-F4/N |
|----------------------|----------------------------|--|--------------------|--------------------|
| Video/Audio input | Video compression | H.264+/H.264 | | |
| | Video input | 4-ch | 8-ch | 16-ch |
| | | BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection | | |
| | Supported HDTVI input | 1080p/25Hz, 1080p/30Hz, 720p/25Hz, 720p/30Hz, 720P/50Hz, 720p/60Hz | | |
| | Supported AHD input | 720p/25Hz, 720p/30Hz | | |
| | CVBS input | Support | | |
| | IP video input | 2-ch (up to 6-ch) | 2-ch (up to 10-ch) | 2-ch (up to 18-ch) |
| | | Up to 4.0 MP resolution | | |
| Audio compression | G.711u | | | |
| Audio input | 4-ch, RCA (2.0 Vp-p, 1 KΩ) | | | |
| Video/Audio output | CVBS output | Support | | |
| | HDMI/VGA output | HDMI: 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 | | |
| | | VGA: 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz | | |
| | Encoding resolution | When 1080p Lite mode not enabled: 1080p(non-real-time)/720p(non-real-time)/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 1080p lite/720p lite/VGA/WD1/4CIF/CIF | | |
| | 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 6 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-connect Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF | | |
| Hard disk | SATA | 4 SATA interfaces | | |
| | eSATA | Support | | |
| | Capacity | Up to 6TB capacity | | |
| External interface | Two-way audio input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent) | | |
| | Network interface | 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface | | |
| | USB interface | 2 USB 2.0 on the front panel 1 USB 3.0 on the rear panel | | |
| | 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) | ≤ 30 W | ≤ 40 W | ≤ 55 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) | | |

Physical Interfaces



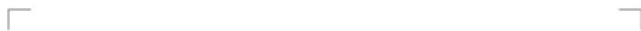
The rear panel of HIK-7304SQ-F4/N and HIK-7308SQ-F4/N provide 4 and 8 video input interfaces respectively.

| 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 | HDMI Interface | 13 | LINE IN |
| 6 | VGA Interface | 14 | eSATA Interface |
| 7 | CVBS AUDIO OUT and VGA AUDIO OUT | 15 | RS-232 Serial Interface |
| 8 | LAN Network Interface | | |

Available Models

HIK-7304SQ-F4/N , HIK-7308SQ-F4/N , HIK-7316SQ-F4/N

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