

iDS-7316HQHI-M4/S TURBO HD DVR

Key Feature

- Up to 20-ch IP camera inputs and 8 SATA interfaces
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- Up to 1080p@15 fps encoding capability
- HDTVI/AHD/CVI/CVBS/IP video inputs
- POS triggered recording and POS information overlay



Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Full channel recording at up to 4 MP Lite resolution

Storage and Playback

- 4 SATA interfaces and 1 eSATA interface
- Smart search for efficient playback

Network & Ethernet Access

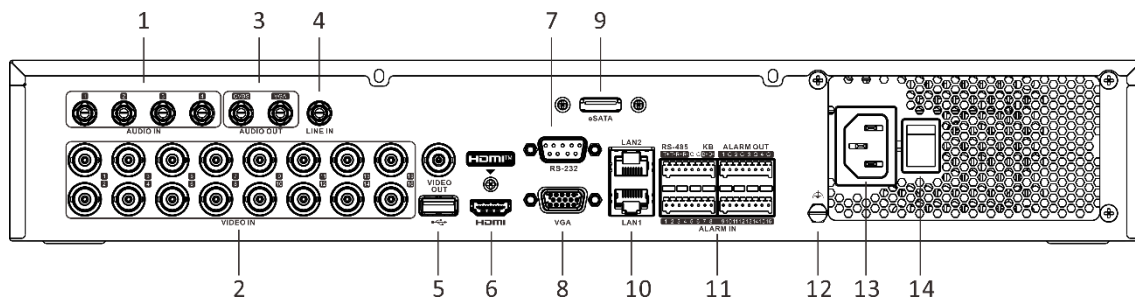
- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable

▪ Specification

| Recording | |
|---------------------|---|
| Video Compression | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 |
| Encoding Resolution | When 1080p Lite mode is not enabled: 4 MP Lite/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode is enabled: 4 MP Lite/1080p Lite/720p Lite/VGA/WD1/4CIF/CIF |
| Frame Rate | Main stream: When 1080p Lite mode is not enabled: For 4 MP stream access: 4 MP Lite@15 fps; 1080p Lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode is enabled: 4 MP Lite@15 fps; 1080p Lite/720p Lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N) |
| Video Bitrate | 32 Kbps to 6 Mbps |
| Dual-stream | Support |
| Stream Type | Video, Video & Audio |
| Audio Compression | G.711u |
| Audio Bitrate | 64 Kbps |
| Video and Audio | |
| IP Video Input | 4-ch (up to 20-ch) Up to 6 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras |
| Analog Video Input | 16-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection |
| HDTVI Input | 4 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 |
| AHD Input | 4 MP, 1080p25, 1080p30, 720p25, 720p30 |
| HDCVI Input | 4 MP, 1080p25, 1080p30, 720p25, 720p30 |
| CVBS Input | PAL/NTSC |
| CVBS Output | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480 |

| | |
|----------------------------|--|
| HDMI Output | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |
| VGA Output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |
| Video Output Mode | HDMI/VGA simultaneous output |
| Audio Input | 4-ch, RCA (2.0 Vp-p, 1 KΩ) |
| Audio Output | 2-ch, RCA (Linear, 1 KΩ) |
| Two-Way Audio | 1-ch, RCA (2.0 Vp-p, 1 KΩ, independent) |
| Synchronous Playback | 16-ch |
| Network | |
| Total Bandwidth | 240 Mbps |
| Remote Connection | 128 |
| Network Protocol | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP |
| Network Interface | 2, RJ45 10M/100M/1000M self-adaptive Ethernet interface |
| Auxiliary Interface | |
| Serial Interface | RS-232, RS-485 (full-duplex), Keyboard |
| SATA | 4 SATA interfaces |
| eSATA | 1 eSATA interface |
| Capacity | Up to 12 TB capacity for each disk |
| USB Interface | Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0 |
| Alarm In/Out | 16/4 |
| General | |
| Power Supply | 100 to 240 VAC, 50 to 60 Hz |
| Consumption | ≤ 55 W (without HDD) |
| Working Temperature | -10 °C to +55 °C (+14 °F to +131 °F) |
| Working Humidity | 10% to 90% |
| Dimension (W × D × H) | 445 × 390 × 70 mm (17.5 × 15.4 × 2.8 inch) |
| Weight | ≤ 5 kg (without HDD, 11.0 lb) |

Physical Interface



| No. | Description | No. | Description |
|-----|-----------------------------|-----|--|
| 1 | AUDIO IN, RCA connector | 8 | VGA interface |
| 2 | Video and coaxial audio in | 9 | eSATA interface |
| 3 | AUDIO OUT (CVBS and VGA) | 10 | LAN 1 and LAN 2 network interfaces |
| 4 | LINE IN | 11 | Alarm in, alarm out, RS-485 and keyboard |
| 5 | USB interface and VIDEO OUT | 12 | GND |
| 6 | HDMI interface | 13 | Power supply |
| 7 | RS-232 serial interface | 14 | Power switch |

Available Model

iDS-7316HQHI-M4/S

Headquarters

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



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