

DS-7316HTHI-K4 TURBO HD DVR

Key Feature

- Support H.265 Pro+/H.265 Pro/H.265 video compression
- Support HDTV/AVHD/CVI/CVBS/IP video input
- Up to 32-ch IP camera input (up to 8 MP)
- Max. 800 m for 1080p and 1200 m for 720p HDTV signal transmission
- Up to 10 TB capacity per HDD
- Support 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 8 MP resolution

Storage and Playback

- 4 SATA interfaces and 1 eSATA interface
- Smart search for efficient playback
- Support the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)
- Hot-swappable HDD supports RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme

Smart Function

- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Support line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Configurable output bandwidth limit

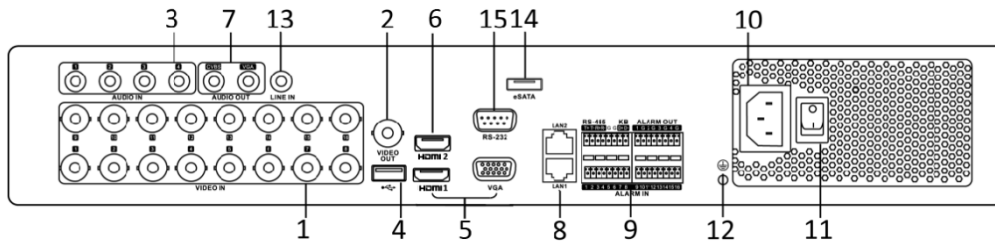


Specification

| | |
|-----------------------------|---|
| Model | DS-7316HTHI-K4 |
| Recording | |
| Video compression | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 |
| Encoding resolution | 8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF |
| Frame rate | Main stream: 8 MP@12 fps/5 MP@20 fps; 3 MP@18fps; 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) |
| | Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N) |
| Video bit rate | 32 Kbps to 16 Mbps |
| Dual stream | Support |
| Stream type | Video, Video & Audio |
| Audio compression | G.711u |
| Audio bit rate | 64 Kbps |
| Video and Audio | |
| IP video input | 16-ch (up to 32-ch) |
| | Up to 8 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 | 8 MP, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60 |
| AHD input | 5 MP, 4 MP, 720p25, 720p30, 1080p25, 1080p30 |
| HDCVI input | 4 MP, 720p25, 720p30, 1080p25, 1080p30 |
| CVBS input | PAL/NTSC |
| CVBS output | 1-ch, BNC (1.0 Vp-p, 75 Ω) |
| HDMI1/VGA output | 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz |
| HDMI2 output | 1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz |
| 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 | |
| Remote connections | 128 |
| Network protocols | 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 | |
| SATA | 4, SATA interface |
| eSATA | 1, eSATA interface |
| Capacity | Up to 10 TB capacity for each disk |
| Serial interface | RS-232, RS-485 (full-duplex), Keyboard |
| Alarm in/out | 16/4 |

| | |
|----------------------------------|---|
| USB interface | Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0 |
| General | |
| Power supply | 100 to 240 VAC |
| Consumption (without HDD) | ≤ 45 W |
| 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 (without HDD) | ≤ 6 kg (13.2 lb) |

Physical Interface



| 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 | | |

Available Model

DS-7316HTHI-K4

Distributed by



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