

DS-8108/8116HUHI-K8 SERIES TURBO HD DVR

Key Features

- Support H.265 Pro+/H.265 Pro/H.265 video compression.
- Support HDTVI/AHD/CVI/CVBS/IP video input.
- Max 16/32 IP cameras input (up to 8 MP).
- Max 800 m for 1080p and 1200 m for 720p HDTVI signal.
- Up to 10 TB capacity per HDD.
- Support POS triggered recording and POS information overlay.



Compression and Recording

- H.265 Pro+ can improve encoding efficiency and reduce the data storage cost.
- Full channel recording at up to 8 MP resolution.

Storage and Playback

- 8 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 supporting 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.
- Output bandwidth limit configurable.

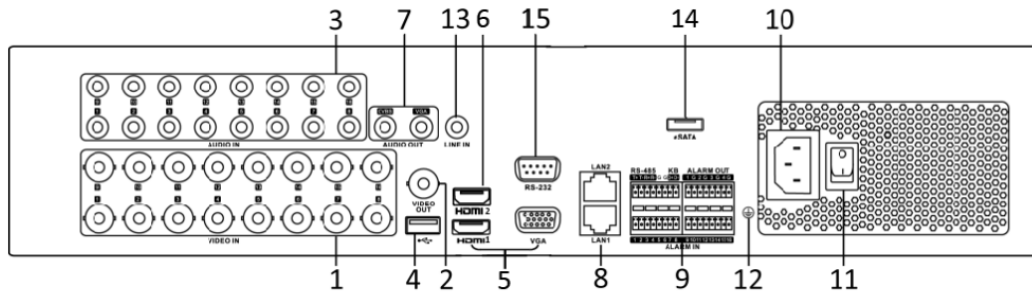


Specifications

| Model | DS-8108HUHI-K8 | DS-8116HUHI-K8 |
|----------------------------|--|-----------------------------|
| 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@8fps/5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 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 10 Mbps | |
| Dual stream | Support | |
| Stream type | Video, Video & Audio | |
| Audio compression | G.711u | |
| Audio bit rate | 64 Kbps | |
| Video and Audio | | |
| IP video input | 8-ch (up to 16-ch) | 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 | 8-ch | 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, 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 | |
| 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 | |
| Audio input | 8-ch, RCA (2.0 Vp-p, 1 KΩ) | 16-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 | 8-ch | 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 | 8 SATA interfaces | |
| eSATA | Support | |
| 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 | ≤ 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) | |
| Weights (without HDD) | ≤ 8 kg (17.6 lb) | |

Physical Interfaces



NOTE The rear panel of DS-8108/8116HUHI-K8 provides 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-8108HUHI-K8, DS-8116HUHI-K8



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