

iDS-9016HUHI-K8/16S SERIES TURBO HD DVR

Key Features

- Support deep learning-based analysis.
- Support H.265 Pro+/H.265 Pro/H.265 video compression.
- Support HDTV/AVHD/CVI/CVBS/IP video input.
- Max 32 IP cameras input (up to 12 MP).
- Max 800 m for 1080p and 1200 m for 720p HDTV signal.
- Up to 10 TB capacity per HDD.



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

- Deep learning-based analysis: all channels support re-recognition of the human body or vehicle target in behavior detection to reduce false alarm.
- 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.

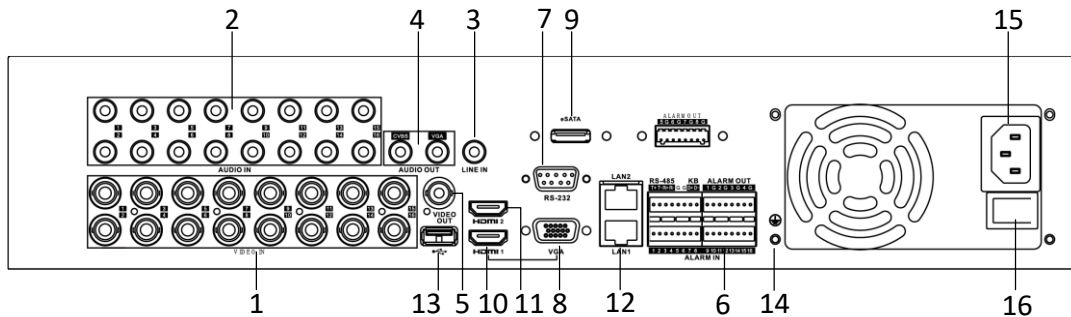


Specifications

| | |
|-----------------------------|--|
| Model | iDS-9016HUHI-K8/16S |
| Recording | |
| Video compression | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 |
| Encoding resolution | 8 MP/5 MP/4 MP/3 M/1080p/720p/WD1/4CIF/VGA/CIF |
| Frame rate | Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 M@18 fps/1080P/720P/WD1/4CIF/VGA/CIF |
| | 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 | 18-ch (up to 32-ch) |
| | Up to 12 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 |
| HDTV I input | 8 MP15, 8 MP12.5, 5 MP20, 5 MP12, 4 MP30, 4 MP25, 3 MP18, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 |
| AHD input | 5 MP20, 4 MP30, 4 MP25, 1080p30, 1080p25, 720p30, 720p25 |
| HDCVI input | 4 MP30, 4 MP25, 1080p30, 1080p25, 720p30, 720p25 |
| 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 | 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 | 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 | 16/8 |
| USB interface | Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0 |
| General | |
| Power supply | 110 to 220 VAC |
| Consumption (without HDD) | ≤ 150 W |
| Working temperature | -10 °C to +55 °C (+14 °F to +131 °F) |
| Working humidity | 10% to 90% |
| Dimensions (W × D × H) | 442 × 470 × 92 mm (17.4 × 18.5 × 3.6 inch) |
| Weights (without HDD) | ≤ 8 kg (17.6 lb) |

Physical Interfaces



| Index | Description | Index | Description |
|-------|----------------------------|-------|-------------------|
| 1 | VIDEO IN | 9 | eSATA |
| 2 | AUDIO IN | 10 | HDMI1 Interface |
| 3 | LINE IN | 11 | HDMI2 Interface |
| 4 | AUDIO OUT | 12 | Network Interface |
| 5 | VIDEO OUT | 13 | USB Interface |
| 6 | RS-485 and Alarm Interface | 14 | GND |
| 7 | RS-232 Interface | 15 | Power Supply |
| 8 | VGA Interface | 16 | Power Switch |

Distributed by

Available Models

iDS-9016HUHI-K8/16S



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