

DS-7116HQHI-K1 TURBO HD DVR

Key Features

- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTVI/AHD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 24-ch IP camera inputs
- Max. 800 m for 1080p and 1200 m for 720p HDTVI signal transmission
- Up to 10 TB capacity per HDD



Compression and Recording

- H.265 Pro+ can be enabled to improve encoding efficiency and reduce data storage costs
- Full channel recording at up to 4 MP lite resolution

Storage and Playback

- Smart search for efficient playback

Smart Function

- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Support 4-ch line crossing detection and intrusion detection

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Max. 96 Mbps incoming bandwidth and output bandwidth limit configurable



Specification

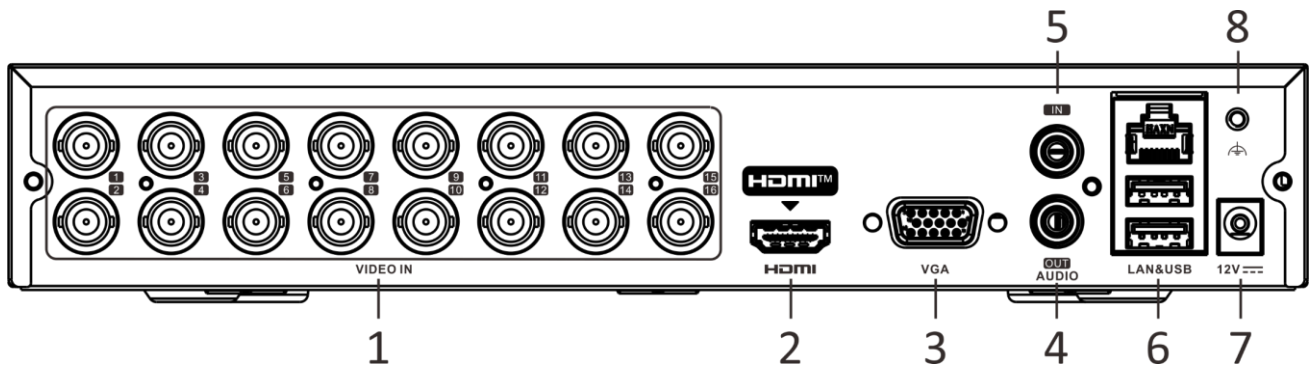
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|-----------------------------------|---|
| Model | DS-7116HQHI-K1 |
| Recording | |
| Video compression | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 |
| Encoding resolution | When 1080p lite mode is not enabled: 4 MP lite/1080p/720p/VGA/WD1/4CIF/CIF When 1080p lite mode is enabled: 4 MP lite/3 MP/1080p lite/720p lite/VGA/WD1/4CIF/CIF |
| Frame rate | Main stream: When 1080p Lite mode is not enabled: 4 MP lite/1080p@15 fps; 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 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 input¹ | 2-ch (up to 18-ch) Enhanced IP mode on: 8-ch (up to 24-ch), each up to 4 Mbps 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 | 3K@20 fps, 4 MP@30 fps, 4 MP@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps |
| AHD input | 4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps |
| HDCVI input | 4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps |
| CVBS input | PAL/NTSC |
| CVBS output | N/A |
| VGA output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz |
| HDMI output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |
| Video output mode | HDMI and VGA simultaneous output |
| Audio input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable |

| | |
|--|---|
| Audio output | 1-ch, RCA (Linear, 1 K Ω) |
| Two-way audio | 1-ch, RCA (2.0 Vp-p, 1 K Ω) (using the first audio input) |
| Synchronous playback | 16-ch |
| Network | |
| Total bandwidth | 128 Mbps |
| Incoming bandwidth (Enhanced IP mode) | 96 Mbps |
| Remote connection | 128 |
| Network protocol | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF |
| Network interface | 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface |
| Auxiliary interface | |
| SATA | 1 SATA interface |
| Capacity | Up to 10 TB capacity for each disk |
| Serial interface | N/A |
| USB interface | Rear panel: 2 × USB 2.0 |
| Alarm in/out | N/A |
| General | |
| Power supply | 12 VDC, 1.9 A |
| Consumption (without HDD) | ≤ 15 W |
| Working temperature | -10 °C to +55 °C (+14 °F to +131 °F) |
| Working humidity | 10% to 90% |
| Dimension (W × D × H) | 285 × 210 × 48 mm (11.2 × 8.3 × 1.9 inch) |
| Weight (without HDD) | ≤ 1 kg (2.2 lb) |

Note:

1: Enhanced IP mode might be conflicted with smart events (perimeter protection) or other functions, please refer to the user manual for details.

Physical Interface



| No. | Description | No. | Description |
|-----|----------------------------|-----|---|
| 1 | Video and Coaxial Audio In | 5 | AUDIO IN, RCA Connector |
| 2 | HDMI Interface | 6 | USB Interface and LAN Network Interface |
| 3 | VGA Interface | 7 | Power Input |
| 4 | AUDIO OUT, RCA Connector | 8 | GND |

Available Model

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