

DS-7224/7232HQHI-K2 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. 32/40 IP cameras input (up to 6 MP)
- 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

- Two SATA interfaces
- Smart search for efficient playback
- Support the third party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

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, and 1-ch sudden scene change detection

Network & Ethernet Access

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

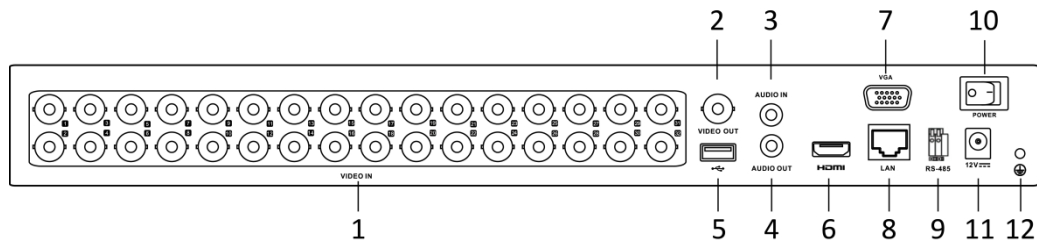


Specifications

| Model | DS-7224HQHI-K2 | DS-7232HQHI-K2 |
|----------------------------|--|--------------------|
| 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/3 MP/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 not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N) | |
| Video bit rate | 32 Kbps to 6 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 32-ch) | 8-ch (up to 40-ch) |
| | Up to 6 MP resolution | |
| | Support H.265+/H.265/H.264+/H.264 IP cameras | |
| Analog video input | 24-ch | 32-ch |
| | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection | |
| HDTV input | 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 *: The 3 MP signal input is only available for channel 1/2/3/4. | |
| AHD input | 4 MP, 1080p25, 1080p30, 720p25, 720p30 | |
| HDCVI input | 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/VGA output | VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | |
| Audio input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) | |
| Audio output | 1-ch, RCA (Linear, 1 KΩ) | |

| | | |
|----------------------------------|---|--------|
| Two-way audio | 1-ch, RCA (2.0 Vp-p, 1 K Ω) (using the first audio input) | |
| 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 | |
| Network interface | 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface | |
| Auxiliary interface | | |
| SATA | 2 SATA interfaces | |
| Capacity | Up to 10 TB capacity for each disk | |
| Serial interface | RS-485 (half-duplex) | |
| USB interface | Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0 | |
| Alarm in/out | N/A | |
| General | | |
| Power supply | 12 VDC | |
| Consumption (without HDD) | ≤ 55 W | ≤ 65 W |
| Working temperature | -10 °C to +55 °C (+14 °F to +131 °F) | |
| Working humidity | 10% to 90% | |
| Dimensions (W × D × H) | 380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch) | |
| Weights (without HDD) | ≤ 2 kg (4.4 lb) | |

Physical Interfaces



*: The rear panel of DS-7224HQHI-K2 provides 24 video input interfaces.

| No. | Description | No. | Description |
|-----|--------------------------|-----|-------------------------|
| 1 | VIDEO IN | 7 | VGA Interface |
| 2 | VIDEO OUT | 8 | LAN Network Interface |
| 3 | AUDIO IN, RCA Connector | 9 | RS-485 Serial Interface |
| 4 | AUDIO OUT, RCA Connector | 10 | Power Switch |
| 5 | USB Interface | 11 | 12 VDC Power Input |
| 6 | HDMI Interface | 12 | GND |

Available Models

DS-7224HQHI-K2, DS-7232HQHI-K2

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