

DS-7200HUHI-K2 SERIES TURBO HD DVR

Features and Functions



Video Input and Transmission

- Self-adaptive HDTV/HD/SD/TV/AV/TVBS signal input
- 8 MP/5 MP/4 MP HDTV video input and live view for DS-7208/7216HUHI-K2, and 5 MP/4 MP for DS-7204HUHI-K2
- Defogging function enabled for the supported analog cameras
- Long distance transmission over UTP and coaxial cable: max. 800 m for 1080p and 1200m for 720p HDTV signal

Compression and Recording

- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264 for the sub-stream of analog cameras
- Connectable to H.265+/H.265/H.264+/H.264 IP cameras
- H.265+ can be enabled to improve encoding efficiency and reduce data storage costs
- Full channel recording at up to 8 MP resolution

Video Output

- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160) resolution for DS-7208/7216HUHI-K2
- Separate CVBS output

Storage and Playback

- 2 SATA interfaces (up to 10 TB capacity per HDD)
- 8/16-ch synchronous playback
- Smart search for efficient playback
- Supports the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Supports line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection
- VCA information overlay in live view and smart playback

Network & Ethernet Access

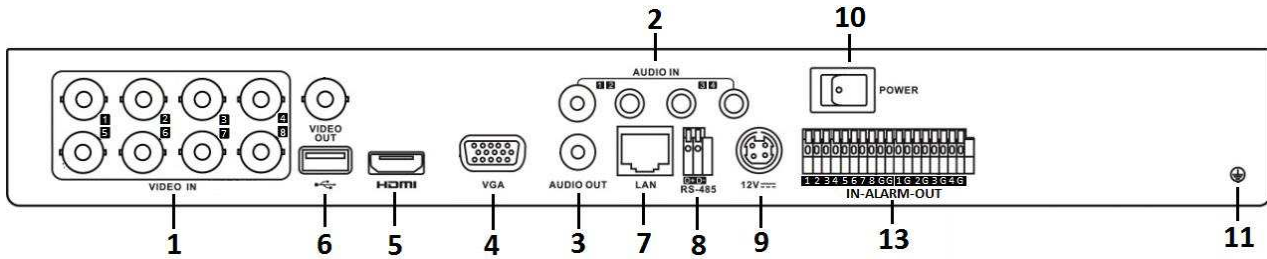
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M self-adaptive Ethernet interface for DS-7204HUHI-K2, and 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface for DS-7208/7216HUHI-K2
- Output bandwidth limit configurable



Specifications

| Model | | DS-7204HUHI-K2 | DS-7208HUHI-K2 | DS-7216HUHI-K2 | |
|-----------------------------|---|--|---|--|----------------------|
| Video/Audio input | Video compression | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 | | | |
| | Analog video input | 4-ch | 8-ch | 16-ch | |
| | HDTVI input | 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 | | 8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 | |
| | AHD input | 5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30 | | | |
| | HDCVI input | 4 MP, 1080p25, 1080p30, 720p25, 720p30 | | | |
| | CVBS input | PAL/NTSC | | | |
| | IP video input | | 2-ch (up to 6-ch) | 4-ch (up to 12-ch) | 8-ch (up to 24-ch) |
| | | | Up to 6 MP resolution | | |
| | | | Supports H.265+/H.265/H.264+/H.264 IP cameras | | |
| | Audio compression | G.711u | | | |
| Audio input | 4-ch, RCA (2.0 Vp-p, 1 K Ω) | | | | |
| Video/Audio output | CVBS output | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 \times 576, NTSC: 704 \times 480 | | | |
| | HDMI/VGA output | 1-ch, 1920 \times 1080/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz | VGA: 1-ch, 1920 \times 1080/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz HDMI: 1-ch, 4K (3840 \times 2160)/30Hz, 2K (2560 \times 1440)/60Hz, 1920 \times 1080/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz | | |
| | Encoding resolution | 5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF | 8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF | | |
| | Frame rate | Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) | 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 | | | |
| | Audio output | 1-ch, RCA (Linear, 1 K Ω) | | | |
| | Audio bit rate | 64 Kbps | | | |
| | Dual stream | Support | | | |
| | Stream type | Video, Video & Audio | | | |
| Network management | Synchronous playback | 4-ch | 8-ch | 16-ch | |
| | Remote connections | 32 | 64 | 128 | |
| Hard disk | Network protocols | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF | | | |
| | SATA | 2 SATA interfaces | | | |
| External interface | Capacity | Up to 10 TB capacity for each disk | | | |
| | Two-way audio input | 1-ch, RCA (2.0 Vp-p, 1 K Ω) (using the 1 st audio input) | | | |
| | Network interface | 1, RJ45 10M/100M self-adaptive Ethernet interface | 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface | | |
| | USB interface | 2 \times USB 2.0 | Front panel: 1 \times USB 2.0 Rear panel: 1 \times USB 3.0 | | |
| | Serial interface | RS-485 (half-duplex) | | | |
| General | Alarm in/out | 4/1 | 8/4 | 16/4 | |
| | Power supply | 12 VDC | | | |
| | Consumption (without HDD) | \leq 10 W | \leq 20 W | \leq 25 W | |
| | Working temperature | -10 $^{\circ}$ C to +55 $^{\circ}$ C (+14 $^{\circ}$ F to +131 $^{\circ}$ F) | | | |
| | Working humidity | 10% to 90% | | | |
| | Dimensions (W \times D \times H) | 380 \times 320 \times 48 mm (15.0 \times 12.6 \times 1.9 inch) | | | |
| Weight (without HDD) | \leq 1.16 kg (2.6 lb) | \leq 1.78 kg (3.9 lb) | \leq 2 kg (4.4 lb) | | |

Physical Interfaces



NOTE

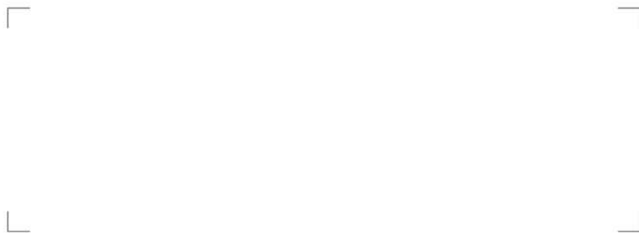
The rear panel of DS-7204/7216HUHI-K2 provides 4/16 video input interfaces.

| Index | Description | Index | Description |
|-------|--------------------------|-------|-------------------------|
| 1 | VIDEO IN | 8 | RS-485 Serial Interface |
| 2 | AUDIO IN, RCA Connector | 9 | 12 VDC Power Input |
| 3 | AUDIO OUT, RCA Connector | 10 | Power Switch |
| 4 | VGA Interface | 11 | GND |
| 5 | HDMI Interface | 12 | VIDEO OUT |
| 6 | USB Interface | 13 | Alarm In/Out |
| 7 | LAN Network Interface | | |

Available Models

DS-7204HUHI-K2, DS-7208HUHI-K2, DS-7216HUHI-K2

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