# HIKVISION

## DS-7200HUHI-K1/E SERIES TURBO HD DVR

### Key Feature

- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTVI/AHD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 8/16-ch IP camera inputs (up to 8 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
- Recording at up to 8 MP resolution

### Storage and Playback

- Smart search for efficient playback
- Support the third party cloud storage

### 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
- Max. 32/64 Mbps incoming bandwidth and output bandwidth limit configurable

## Specification

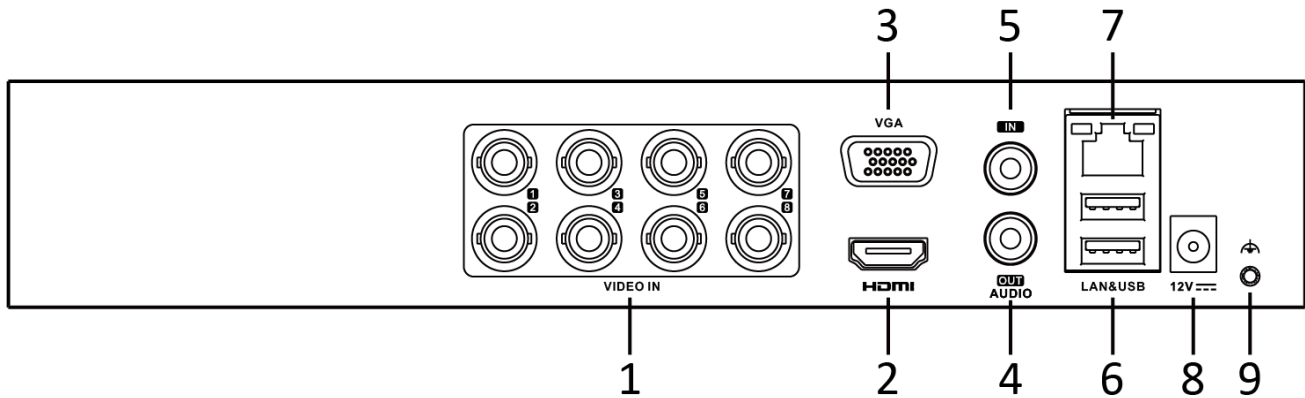| Model | DS-7204HUHI-K1/E | DS-7208HUHI-K1/E |
|---|---|---|
| **Perimeter Protection[1]** | | |
| **Line Crossing Detection/ Intrusion Detection** | 2-ch<br><br>Enhanced VCA mode on: 4-ch | 2-ch<br><br>Enhanced VCA mode on: 8-ch |
| **Recording** | | |
| **Video compression** | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 | |
| **Encoding resolution** | When 8 MP Lite mode is not enabled:<br>8 MP/5 MP/3K/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF<br>When 8 MP Lite mode is enabled:<br>8 MP Lite/5 MP/4 MP/3MP/1080P/720P/WD1/4CIF/VGA/CIF | |
| **Frame rate** | Main stream:<br>When 8 MP Lite mode is not enabled:<br>8 MP@8 fps/5 MP@12 fps/3K@12 fps/4 MP@15 fps/3 MP@18 fps<br>1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)<br>**\*: 8 MP@8 fps is only available for channel 1 of DS-7204HUHI-K1/E.**<br>When 8 MP Lite mode is enabled:<br>8 MP Lite/5 MP@12 fps/4 MP/3MP/1080P/720P/WD1/4CIF/VGA/CIF@15 fps<br>**\*: 8 MP Lite is only available for DS-7204HUHI-K1/E.** | |
| | Sub-stream:<br>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[2]** | 2-ch (up to 6-ch)<br><br>Enhanced IP mode on:<br>4-ch (up to 8-ch), each up to 4 Mbps | 4-ch (up to 12-ch)<br><br>Enhanced IP mode on:<br>8-ch (up to 16-ch), each up to 4 Mbps |
| | Up to 8 MP resolution | |
| | Support H.265+/H.265/H.264+/H.264 IP cameras | |
| **Analog video input** | 4-ch | 8-ch |
| | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection | |
| **HDTVI input** | 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** | 5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30 | |
| **CVBS input** | PAL/NTSC | |
| **CVBS output** | N/A | |
| **VGA output** | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | |
| **HDMI output** | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × |

| | HDMI and VGA simultaneous output | 768/60Hz<br>HDMI and VGA simultaneous output |
|---|---|---|
| **Audio input** | 1-ch, RCA (2.0 Vp-p, 1 KΩ) | |
| | 4-ch via coaxial cable | 8-ch via coaxial cable |
| **Audio output** | 1-ch, RCA (Linear, 1 KΩ) | |
| **Two-way audio** | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) | |
| **Synchronous playback** | 4-ch | 8-ch |
| **Network** | | |
| **Total bandwidth** | 96 Mbps | 128 Mbps |
| **Incoming bandwidth (Enhanced IP mode)** | Up to 32 Mbps | Up to 64 Mbps |
| **Remote connection** | 32 | 64 |
| **Network protocol** | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF | |
| **Network interface** | 1, RJ45 10M/100M 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, 1.5 A | 12 VDC, 1.8 A |
| **Consumption (without HDD)** | ≤ 6 W | ≤ 8 W |
| **Working temperature** | -10 °C to +55 °C (+14 °F to +131 °F) | |
| **Working humidity** | 10% to 90% | |
| **Dimension (W × D × H)** | 265 × 225 × 48 mm (10.4 × 8.9 × 1.9 inch) | |
| **Weight (without HDD)** | ≤ 1.6 kg (3.5 lb) | |

*Note:*

1: Enabling enhanced VCA mode will maximize the connectable channel number for perimeter protection (line crossing detection and intrusion detection), but disable 2K/4K HDMI output resolution and 4 MP/5 MP/8 MP signal input.

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

## Physical Interface



**\*: The rear panel of DS-7208HUHI-K1 provides 8 video input interfaces.**

| No. | Description | No. | Description |
|-----|-------------|-----|-------------|
| 1 | Video and Coaxial Audio In | 6 | USB Interface |
| 2 | HDMI Interface | 7 | LAN Network Interface |
| 3 | VGA Interface | 8 | 12 VDC Power Input |
| 4 | AUDIO OUT, RCA Connector | 9 | GND |
| 5 | AUDIO IN, RCA Connector | | |

## Available Model

DS-7204HUHI-K1/E, DS-7208HUHI-K1/E

Distributed by

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