

## DS-7100HUI-K1 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
- Up to 6 TB capacity per HDD



### Compression and Recording

- H.265 Pro+ can improve encoding efficiency and reduce the data storage cost
- Recording at up to 8 MP resolution

### Storage and Playback

- Smart search for efficient playback
- Support the 3rd party cloud storage

### 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

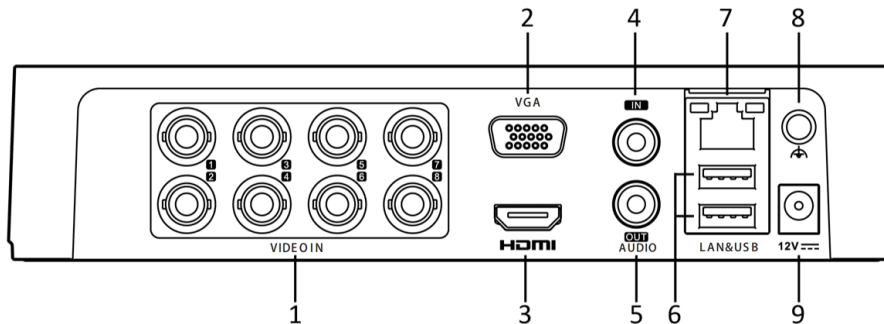
| Model                             | DS-7104HUHI-K1   | DS-7108HUHI-K1   |
|-----------------------------------|--|--|
| <b>Recording</b>                  |  |  |
| <b>Video compression</b>          | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264  |  |
| <b>Encoding resolution</b>        | When 8 MP Lite 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/3MP/1080P/720P/WD1/4CIF/VGA/CIF  |  |
| <b>Frame rate</b>                 | 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><b>*: 8 MP@8 fps is only available for channel 1 of DS-7104HUHI-K1.</b><br>When 8 MP Lite mode is enabled:<br>8 MP Lite/3 MP/1080P/720P/WD1/4CIF/VGA/CIF@15 fps<br><b>*: 8 MP Lite is only available for DS-7104HUHI-K1.</b> |  |
|                                   | Sub-stream:<br>WD1/4CIF/CIF@25fps (P)/30fps (N)  |  |
| <b>Video bit rate</b>             | 32 Kbps to 10 Mbps   |  |
| <b>Dual stream</b>                | Support  |  |
| <b>Stream type</b>                | Video, Video & Audio   |  |
| <b>Audio compression</b>          | G.711u   |  |
| <b>Audio bit rate</b>             | 64 Kbps  |  |
| <b>Video and Audio</b>            |  |  |
| <b>IP video input<sup>1</sup></b> | 2-ch (up to 6-ch)  | 4-ch (up to 12-ch)   |
|                                   | Enhanced IP mode on:<br>4-ch (up to 8-ch), each up to 4 Mbps   | 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   |  |
| <b>Analog video input</b>         | 4-ch   | 8-ch   |
|                                   | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection  |  |
| <b>HDTVI input</b>                | 8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25   |  |
| <b>AHD input</b>                  | 5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30   |  |
| <b>HDCVI input</b>                | 5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30   |  |
| <b>CVBS input</b>                 | PAL/NTSC   |  |
| <b>VGA output</b>                 | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz   |  |
| <b>HDMI output</b>                | 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 × 768/60Hz |
| <b>Audio input</b>                | 1-ch, RCA (2.0 Vp-p, 1 KΩ)   |  |
|                                   | 4-ch via coaxial cable   | 8-ch via coaxial cable   |

|  |   |   |
|--|---|---|
| <b>Audio output</b>                          | 1-ch, RCA (Linear, 1 K $\Omega$ )   |   |
| <b>Two-way audio</b>                         | 1-ch, RCA (2.0 Vp-p, 1 K $\Omega$ ) (using the first audio input)                       |   |
| <b>Synchronous playback</b>                  | 4-ch  | 8-ch  |
| <b>Network</b>                               |   |   |
| <b>Total bandwidth</b>                       | 96 Mbps   | 128 Mbps  |
| <b>Incoming bandwidth (Enhanced IP mode)</b> | Up to 32 Mbps   | Up to 64 Mbps   |
| <b>Remote connection</b>                     | 32  | 64  |
| <b>Network protocol</b>                      | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF |   |
| <b>Network interface</b>                     | 1, RJ45 10M/100M self-adaptive Ethernet interface                                       | 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface |
| <b>Auxiliary interface</b>                   |   |   |
| <b>SATA</b>                                  | 1 SATA interface  |   |
| <b>Capacity</b>                              | Up to 6 TB capacity for each disk   |   |
| <b>USB interface</b>                         | 2 × USB 2.0   |   |
| <b>Alarm in/out</b>                          | N/A   |   |
| <b>General</b>                               |   |   |
| <b>Power supply</b>                          | 12 VDC, 1.5 A   | 12 VDC, 1.8 A   |
| <b>Consumption (without HDD)</b>             | ≤ 15 W  |   |
| <b>Working temperature</b>                   | -10 °C to +55 °C (+14 °F to +131 °F)  |   |
| <b>Working humidity</b>                      | 10% to 90%  |   |
| <b>Dimensions (W × D × H)</b>                | 200 × 200 × 45 mm (7.9 × 7.9 × 1.8 inch)  |   |
| <b>Weight (without HDD)</b>                  | ≤ 1.16 kg (2.6 lb)  | ≤ 2 kg (4.4 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



\*: The rear panel of DS-7104HUHI-K1 provides 4 video input interfaces.

| Index | Description                | Index | Description           |
|-------|----------------------------|-------|-----------------------|
| 1     | Video and Coaxial Audio In | 6     | USB Interface         |
| 2     | VGA Interface              | 7     | LAN Network Interface |
| 3     | HDMI Interface             | 8     | GND                   |
| 4     | AUDIO IN                   | 9     | 12 VDC Power Input    |
| 5     | AUDIO OUT                  |       |                       |

## Available Model

DS-7104HUHI-K1, DS-7108HUHI-K1

Distributed by



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