

## DS-7200HTHI-K2 SERIES TURBO HD DVR



### Features and Functions

#### Video Input and Transmission

- Self-adaptive HDTV/HDCVI/AHD/CVBS signal input
- Up to 2/4-ch 8 MP IP cameras input
- 8 MP HDTV video input and live view
- 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

- HDMI and VGA interfaces can be configured to be simultaneous or independent
- HDMI output at up to 4K (3840 × 2160) resolution
- Separate CVBS output

#### Storage and Playback

- 2 SATA interface (up to 10 TB capacity per HDD)
- 4/8-ch synchronous playback
- Smart search for efficient playback
- Supports the 3<sup>rd</sup> 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

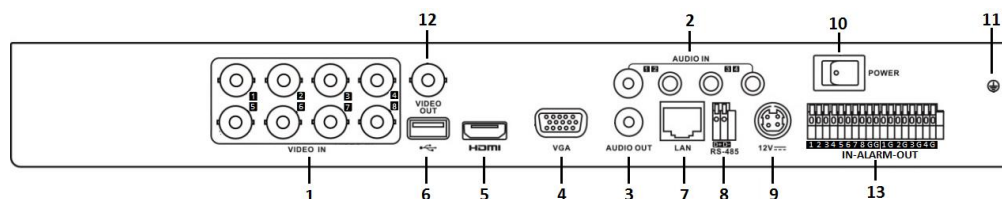
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface
- Output bandwidth limit configurable



## Specifications

| Model              |                            | DS-7204HTHI-K2                                                                                                                 | DS-7208HTHI-K2                                                                          |    |
|--------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----|
| Video/Audio input  | Video compression          | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264                                                                                        |                                                                                         |    |
|                    | Analog video input         | 4-ch<br>BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection                                                        | 8-ch                                                                                    |    |
|                    | HDTVI input                | 8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25                                                       |                                                                                         |    |
|                    | AHD input                  | 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30                                                                             |                                                                                         |    |
|                    | HDCVI input                | 4 MP, 1080p25, 1080p30, 720p25, 720p30                                                                                         |                                                                                         |    |
|                    | CVBS input                 | PAL/NTSC                                                                                                                       |                                                                                         |    |
|                    | IP video input             | 2-ch                                                                                                                           | 4-ch                                                                                    |    |
|                    |                            | Up to 8 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 KΩ) |                                                                                                                                |                                                                                         |    |
| Video/Audio output | 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 |                                                                                         |    |
|                    | Encoding resolution        | 8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF                                                                                |                                                                                         |    |
|                    | Frame rate                 | Main stream:<br>8 MP@12fps, 5 MP@20fps, 3 MP@18fps<br>4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)                     |                                                                                         |    |
|                    |                            | Sub-stream:<br>WD1/4CIF/CIF@25fps (P)/30fps (N)                                                                                |                                                                                         |    |
|                    | Video bit rate             | 32 Kbps to 16 Mbps                                                                                                             |                                                                                         |    |
|                    | Audio output               | 1-ch, RCA (Linear, 1 KΩ)                                                                                                       |                                                                                         |    |
|                    | Audio bit rate             | 64 Kbps                                                                                                                        |                                                                                         |    |
|                    | Dual stream                | Support                                                                                                                        |                                                                                         |    |
|                    | Stream type                | Video, Video & Audio                                                                                                           |                                                                                         |    |
|                    | Synchronous playback       | 4-ch                                                                                                                           | 8-ch                                                                                    |    |
|                    | Network management         | Remote connections                                                                                                             | 32                                                                                      | 64 |
|                    |                            | Network protocols                                                                                                              | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF |    |
|                    | Hard disk                  | SATA                                                                                                                           | 2 SATA interfaces                                                                       |    |
| Capacity           |                            | Up to 10 TB capacity for each disk                                                                                             |                                                                                         |    |
| External interface | Two-way audio input        | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1 <sup>st</sup> audio input)                                                             |                                                                                         |    |
|                    | Network interface          | 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface                                                                        |                                                                                         |    |
|                    | USB interface              | Front panel: 1 × USB 2.0<br>Rear panel: 1 × USB 3.0                                                                            |                                                                                         |    |
|                    | Serial interface           | RS-485 (half-duplex)                                                                                                           |                                                                                         |    |
|                    | Alarm in/out               | 4/1                                                                                                                            | 8/4                                                                                     |    |
| General            | Power supply               | 12 VDC                                                                                                                         |                                                                                         |    |
|                    | Consumption (without HDD)  | ≤ 15 W                                                                                                                         | ≤ 20 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)                                                                                     |                                                                                         |    |
|                    | Weight (without HDD)       | ≤ 1.5 kg (3.3 lb)                                                                                                              | ≤ 2 kg (4.4 lb)                                                                         |    |

## Physical Interfaces



### NOTE

The rear panel of DS-7204HTHI-K2 provides 4 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-7204HTHI-K2, DS-7208HTHI-K2

Distributed by



## HIKVISION®

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Africa**  
T +27 (0) 0351172  
sale.africa@hikvision.com

**Hikvision Europe**  
T +31-23-55-42-770  
info.eu@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Oceania**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision Hong Kong**  
T +852-2151-1761

**Hikvision Middle East**  
T +971-4-8816086  
salesme@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Canada**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
poland@hikvision.com

**Hikvision Korea**  
T +82-31-731-8841  
sales.korea@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision UK**  
T +01628-902140  
support.uk@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com