

## DS-7300HQHI-K4 SERIES TURBO HD DVR

### Key Features

- Support H.265 Pro+/H.265 Pro/H.265 video compression.
- Support HDTV/AVHD/CVI/CVBS/IP video input.
- Max 6/12/24 IP cameras input (up to 6 MP).
- Max 800 m for 1080p and 1200 m for 720p HDTV signal.
- Up to 10 TB capacity per HDD.
- Support POS triggered recording and POS information overlay.



### Compression and Recording

- H.265 Pro+ can improve encoding efficiency and reduce the data storage cost.
- Full channel recording at up to 4 MP lite resolution.

### Storage and Playback

- 4 SATA interfaces and 1 eSATA interface.
- Smart search for efficient playback.
- Support the 3rd 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.

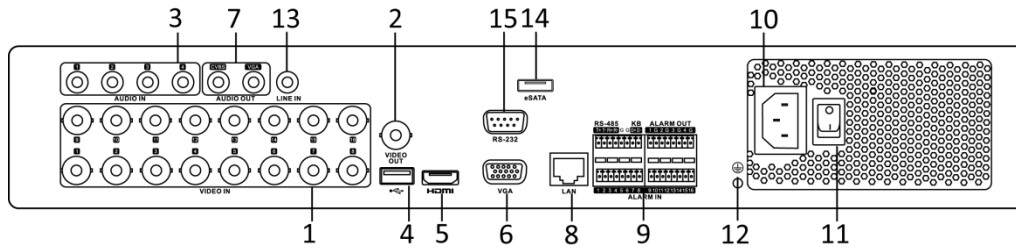


## Specifications

| Model                      | DS-7304HQHI-K4  | DS-7308HQHI-K4     | DS-7316HQHI-K4     |
|----------------------------|---|--------------------|--------------------|
| <b>Recording</b>           |   |                    |                    |
| <b>Video compression</b>   | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264   |                    |                    |
| <b>Encoding resolution</b> | When 1080p Lite mode is not enabled:<br>4 MP lite/3 MP/1080p/720p/VGA/WD1/4CIF/CIF;<br>When 1080p Lite mode is enabled:<br>4 MP lite/3 MP/1080p lite/720p lite/VGA/WD1/4CIF/CIF   |                    |                    |
| <b>Frame rate</b>          | Main stream:<br>When 1080p Lite mode is not enabled:<br>For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)<br>For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps<br>For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)<br>For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)<br>When 1080p Lite mode enabled:<br>4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)<br>Sub-stream:<br>WD1/4CIF@12fps; CIF@25fps (P)/30fps (N) |                    |                    |
| <b>Video bit rate</b>      | 32 Kbps to 6 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</b>      | 2-ch (up to 6-ch)   | 4-ch (up to 12-ch) | 8-ch (up to 24-ch) |
|                            | Up to 6 MP resolution   |                    |                    |
|                            | Support H.265+/H.265/H.264+/H.264 IP cameras  |                    |                    |
| <b>Analog video input</b>  | 4-ch  | 8-ch               | 16-ch              |
|                            | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection   |                    |                    |
| <b>HDTVI input</b>         | 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25<br><b>*: The 3 MP signal input is only available for channel 1 of DS-7304HQHI-K4, channel 1/2 of DS-7308HQHI-K4, and channel 1/2/3/4 of DS-7316HQHI-K4.</b>  |                    |                    |
| <b>AHD input</b>           | 4 MP, 1080p25, 1080p30, 720p25, 720p30  |                    |                    |
| <b>HDCVI input</b>         | 1080p25, 1080p30, 720p25, 720p30  |                    |                    |
| <b>CVBS input</b>          | PAL/NTSC  |                    |                    |
| <b>CVBS output</b>         | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480   |                    |                    |
| <b>VGA/HDMI output</b>     | <b>VGA:</b> 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  |                    |                    |
|                            | <b>HDMI:</b> 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>         | 4-ch, RCA (2.0 Vp-p, 1 KΩ)  |                    |                    |
| <b>Audio output</b>        | 2-ch, RCA (Linear, 1 KΩ)  |                    |                    |

|                                  |   |        |        |
|----------------------------------|---|--------|--------|
| <b>Two-way audio</b>             | 1-ch, RCA (2.0 Vp-p, 1 K $\Omega$ ) (independent)   |        |        |
| <b>Synchronous playback</b>      | 4-ch  | 8-ch   | 16-ch  |
| <b>Network</b>                   |   |        |        |
| <b>Remote connections</b>        | 128   |        |        |
| <b>Network protocols</b>         | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP |        |        |
| <b>Network interface</b>         | 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface                                       |        |        |
| <b>Auxiliary interface</b>       |   |        |        |
| <b>SATA</b>                      | 4 SATA interfaces   |        |        |
| <b>eSATA</b>                     | Support   |        |        |
| <b>Capacity</b>                  | Up to 10 TB capacity for each disk  |        |        |
| <b>Serial interface</b>          | RS-232, RS-485 (full-duplex), Keyboard  |        |        |
| <b>USB interface</b>             | Front panel: 2 × USB 2.0<br>Rear panel: 1 × USB 3.0   |        |        |
| <b>Alarm in/out</b>              | 16/4  |        |        |
| <b>General</b>                   |   |        |        |
| <b>Power supply</b>              | 100 to 240 VAC  |        |        |
| <b>Consumption (without HDD)</b> | ≤ 30 W  | ≤ 40 W | ≤ 55 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>    | 445 × 390 × 70 mm (17.5 × 15.4 × 2.8 inch)  |        |        |
| <b>Weights (without HDD)</b>     | ≤ 5 kg (11.0 lb)  |        |        |

## Physical Interfaces



**NOTE** The rear panel of DS-7304/7308HQHI-K4 provides 4/8 video input interfaces.

| Index | Description                      | Index | Description   |
|-------|----------------------------------|-------|---|
| 1     | VIDEO IN                         | 9     | RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT |
| 2     | VIDEO OUT                        | 10    | 100 to 240 VAC Power Input  |
| 3     | AUDIO IN, RCA Connector          | 11    | Power Switch  |
| 4     | USB Interface                    | 12    | GND   |
| 5     | HDMI Interface                   | 13    | LINE IN   |
| 6     | VGA Interface                    | 14    | eSATA Interface   |
| 7     | CVBS AUDIO OUT and VGA AUDIO OUT | 15    | RS-232 Serial Interface   |
| 8     | LAN Network Interface            |       |   |

## Available Models

DS-7304HQHI-K4, DS-7308HQHI-K4, DS-7316HQHI-K4

Distributed by



### 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 Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

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

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

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

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

**Hikvision Turkey**  
T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

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

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

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

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

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

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

**Hikvision Korea**  
T +82-(0)31-731-8817  
sales.korea@hikvision.com

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

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com