

## DS-7116HQHI-K1 TURBO HD DVR

### Key Features

- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTVI/AHD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 24-ch IP camera inputs
- 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
- Full channel recording at up to 4 MP lite resolution

### Storage and Playback

- Smart search for efficient playback

### 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

### Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Max. 96 Mbps incoming bandwidth and output bandwidth limit configurable



## Specification

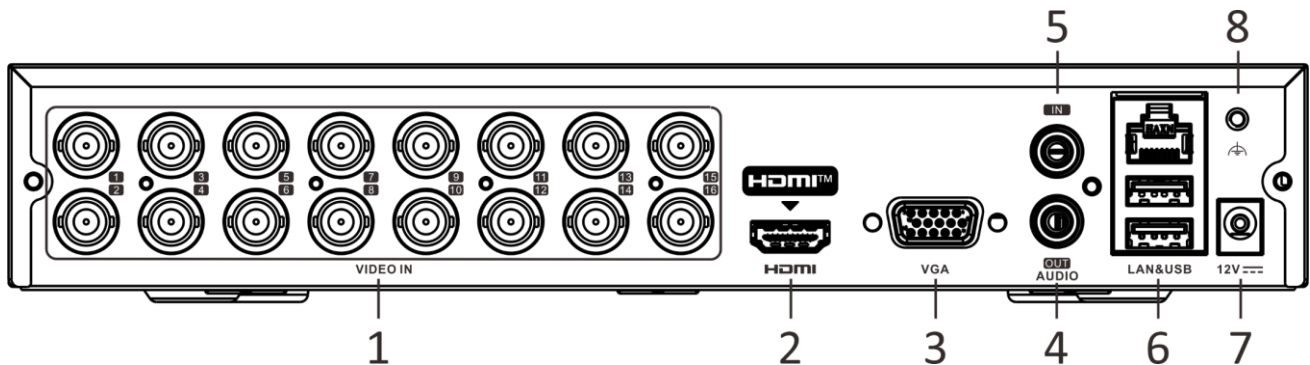
<b>Model</b>	<b>DS-7116HQHI-K1</b>
<b>Recording</b>	
<b>Video compression</b>	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
<b>Encoding resolution</b>	When 1080p lite mode is not enabled: 4 MP lite/1080p/720p/VGA/WD1/4CIF/CIF When 1080p lite mode is enabled: 4 MP lite/3 MP/1080p lite/720p lite/VGA/WD1/4CIF/CIF
<b>Frame rate</b>	Main stream: When 1080p Lite mode is not enabled: 4 MP lite/1080p@15 fps; 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode is enabled: 4 MP lite@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (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 18-ch)  Enhanced IP mode on: 8-ch (up to 24-ch), each up to 4 Mbps  Up to 6 MP resolution  Support H.265+/H.265/H.264+/H.264 IP cameras
<b>Analog video input</b>	16-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
<b>HDTV input</b>	3K@20 fps, 4 MP@30 fps, 4 MP@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps
<b>AHD input</b>	4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
<b>HDCVI input</b>	4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
<b>CVBS input</b>	PAL/NTSC
<b>CVBS output</b>	N/A
<b>VGA output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
<b>HDMI output</b>	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>Video output mode</b>	HDMI and VGA simultaneous output
<b>Audio input</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ)

	16-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>	16-ch
<b>Network</b>	
<b>Total bandwidth</b>	128 Mbps
<b>Incoming bandwidth (Enhanced IP mode)</b>	96 Mbps
<b>Remote connection</b>	128
<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/1000M self-adaptive Ethernet interface
<b>Auxiliary interface</b>	
<b>SATA</b>	1 SATA interface
<b>Capacity</b>	Up to 10 TB capacity for each disk
<b>Serial interface</b>	N/A
<b>USB interface</b>	Rear panel: 2 × USB 2.0
<b>Alarm in/out</b>	N/A
<b>General</b>	
<b>Power supply</b>	12 VDC, 1.9 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>Dimension (W × D × H)</b>	285 × 210 × 48 mm (11.2 × 8.3 × 1.9 inch)
<b>Weight (without HDD)</b>	≤ 1 kg (2.2 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



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

## Available Model

DS-7116HQHI-K1

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 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