Features and Functions

Video Input and Transmission
- Self-adaptive normal camera and Hikvision PoC camera connection
- Up to 1-ch 4 MP IP cameras input for DS-7204HQHI-K1/P, and 2-ch 4 MP IP cameras input for DS-7208/7216HQHI-K2/P
- Long distance transmission over coaxial cable: max. 800m for 1080p and 1200m for 720p HDTVI signal, and 200m for PoC camera
- Automatic power supply management for PoC camera to guarantee safety

Compression and Recording
- H.265+/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
- Up to 3 MP resolution for recording
- Supports real-time 1080p lite and when enabled, the image effect is similar with 1080p

Video Output
- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160) resolution for DS-7216HQHI-K2/P
- Separate CVBS output

Storage and Playback
- One SATA interface for DS-7204HQHI-K1/P, and two SATA interfaces for DS-7208/7216HQHI-K2/P (up to 6 TB capacity per HDD)
- 4/8/16-ch synchronous playback
- Smart search for efficient playback
- Supports third-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 4-ch line crossing detection and intrusion detection, and DS-7216HQHI-K2/P also supports 1-ch sudden scene change detection
- VQD (Video Quality Diagnostics)
- Supports PTZ control via Omnicast VMS of Genetec protocol

Network & Ethernet Access
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- One RJ45 10M/100M Ethernet network interface for DS-7204/7208HQHI-K/P, and one RJ45 10M/100M/1000M Ethernet network interface for DS-7216HQHI-K2/P
- Output bandwidth limit configurable
### Specifications

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#### Video/Audio input
- **Video compression**: H.265+/H.265/H.264+/H.264
- **Analog video input**: 4-ch, 8-ch, 16-ch
- **HDTVI input**: 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25
  - Note: The 3 MP signal input is only available for channel 1 of DS-7204HQHI-K1/P, channel 1/2 of DS-7208HQHI-K2/P, and channel 1/2/3/4 of DS-7216HQHI-K2/P.
- **AHD input**: 1080p25, 1080p30, 720p25, 720p30
- **HDCVI input**: 1080p25, 1080p30, 720p25, 720p30
- **CVBS input**: PAL/NTSC
- **PoC camera**: Supports Hikvision PoC camera
- **Audio compression**: G.711u
- **Audio input**: 1-ch, RCA (2.0 Vp-p, 1 KΩ), BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
- **Dimensions**: ≤ 1.16 kg (2.6 lb), ≤ 1.78 kg (3.9 lb), ≤ 2 kg (4.4 lb)
- **Power supply**: 48 VDC

#### Network management
- **Remote connections**: 128
- **Network protocols**: TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF

#### Hard disk
- **SATA**: 1 SATA interface, 2 SATA interfaces
- **Capacity**: Up to 6 TB capacity for each disk
- **Two-way audio input**: 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1st audio input)
- **Network interface**: 1, RJ45 10M/100M self-adaptive Ethernet interface, 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
- **USB interface**: 2 × USB 2.0
- **Serial interface**: RS-485 (half-duplex)

#### External interface
- **Power supply**: 48 VDC
- **Consumption (without HDD)**: ≤ 40 W, ≤ 60 W, ≤ 120 W
- **Working temperature**: -10 ºC to +55 ºC (+14 ºF to +131 ºF)
- **Working humidity**: 10% to 90%
- **Dimensions (W × D × H)**: 315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch), 380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)
- **Weight (without HDD)**: ≤ 1.16 kg (2.6 lb), ≤ 1.78 kg (3.9 lb), ≤ 2 kg (4.4 lb)
**Physical Interfaces**

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**NOTE** The rear panel of DS-7204HQHI-K1/P and DS-7216HQHI-K2/P provides 4/16 video input interfaces.

**Available Models**

DS-7204HQHI-K1/P, DS-7208HQHI-K2/P, DS-7216HQHI-K2/P