

DVR-200Q-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 6/12/24-ch IP camera inputs (up to 6 MP)
- Max. 800 m for 1080p and 1200 m for 720p HDTVI signal
- Up to 10 TB capacity per HDD



Compression and Recording

- H.265 Pro+ improves encoding efficiency and reduces the data storage cost
- Full channel recording at up to 5 MP lite resolution

Storage and Playback

- Smart search for efficient playback
- Support the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Network & Ethernet Access

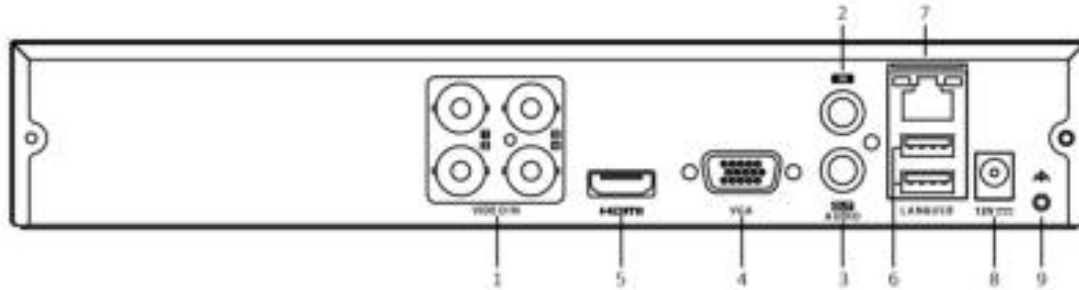
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Max. 8/16/32 Mbps incoming bandwidth, 72/96/128 Mbps total bandwidth

Specification

| Model | DVR-204Q-K1 | DVR-208Q-K1 | DVR-216Q-K1 |
|----------------------------|--|--------------------|--------------------|
| Recording | | | |
| Video compression | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 | | |
| Encoding resolution | When 5 MP Lite mode not enabled: 4MP lite/3 MP/1080p/720p/VGA/WD1/4CIF/CIF; When 5 MP Lite mode enabled: 5MP lite/4MP lite/1080p lite/720p/VGA/WD1/4CIF/CIF | | |
| Frame rate | Main stream: When 5 MP Lite mode is not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 5 MP Lite mode is enabled: For 5 MP/20fps stream access: 5 MP lite@20 fps;1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30 fps (N) For 5 MP/12fps stream access: 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30 fps (N) For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps(N) For 3 MP stream access: 3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25 fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/2CIF@12 fps; CIF/QVGA/QCIF@25 fps (P)/30 fps (N) | | |
| Video bit rate | 32 Kbps to 6 Mbps | | |
| Dual stream | Support | | |
| Stream type | Video, Video & Audio | | |
| Audio compression | G.711u | | |
| Audio bit rate | 64 Kbps | | |
| Video and Audio | | | |
| IP video input | 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 | | |
| Analog video input | 4-ch | 8-ch | 16-ch |
| | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection | | |
| HDTV I input | 5 MP20, 5 MP12, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30 *: The 3 MP signal input is only available for channel 1 of DVR-204Q-K1, channel 1/2 of DVR-208Q-K1, and channel 1/2/3/4 of DVR-216Q-K1. | | |
| AHD input | 5 MP20, 5 MP12, 4 MP, 1080p25, 1080p30, 720p25, 720p30 | | |
| HDCVI input | 4 MP, 1080p25, 1080p30, 720p25, 720p30 | | |

| | | | |
|----------------------------------|--|------------------------|--|
| CVBS input | PAL/NTSC | | |
| VGA output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | | |
| HDMI output | 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 |
| Audio input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) | | |
| | 4-ch via coaxial cable | 8-ch via coaxial cable | 16-ch via coaxial cable |
| Audio output | 1-ch, RCA (Linear, 1 KΩ) | | |
| Two-way audio | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using audio input) | | |
| Synchronous playback | 4-ch | 8-ch | 16-ch |
| | | | |
| Network | | | |
| Remote connection | 32 | 64 | 128 |
| Network protocol | TCP/IP, PPPoE, DHCP, HiLookVision, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS, ONVIF | | |
| Network interface | 1, RJ45 10/100 Mbps self-adaptive Ethernet interface | | 1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface |
| Auxiliary interface | | | |
| SATA | 1 SATA interface | | |
| Capacity | Up to 10 TB capacity for each disk | | |
| USB interface | Real panel: 2 × USB 2.0 | | |
| Alarm in/out | N/A | | |
| General | | | |
| Power supply | 12 VDC, 1.5 A | 12 VDC, 1.33 A | 12 VDC, 1.9 A |
| Consumption (without HDD) | ≤ 8 W | ≤ 12 W | ≤ 20 W |
| Working temperature | -10 °C to +55 °C (+14 °F to +131 °F) | | |
| Working humidity | 10% to 90% | | |
| Dimension (W × D × H) | 260 × 222 × 45 mm (10.2 × 8.7 × 1.8 inch) | | |
| Weight (without HDD) | ≤ 1 kg (2.2 lb) | | ≤ 1.2 kg (2.6 lb) |
| | | | |

Physical Interface



*: DVR-208Q-K1 and DVR-216Q-K1 provide 8/16 video input interfaces.

| Index | Description | Index | Description |
|-------|--------------------|-------|-------------------|
| 1 | Video and Audio IN | 6 | USB Interface |
| 2 | AUDIO IN | 7 | Network Interface |
| 3 | AUDIO OUT | 8 | Power Supply |
| 4 | VGA | 9 | GND |
| 5 | HDMI | | |

Available Model

DVR-204Q-K1, DVR-208Q-K1, DVR-216Q-K1