

DVR-224/232Q-K2 SERIES TURBO HD DVR



Features and Functions

Video Input and Transmission

- Self-adaptive HDTVI/HDCVI/AHD/CVBS signal input
- Up to 26/34-ch 4 MP IP cameras input for DVR-224/232Q-K2
- Long distance transmission over UTP and coaxial cable: max. 800m for 1080p and 1200m for 720p HDTVI 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 4 MP lite resolution
- Supports real-time 1080p lite. When 1080p lite is on, the image effect is similar with 1080p

Video Output

- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160) resolution

Storage and Playback

- Two SATA interfaces (up to 10 TB capacity per HDD)
- 16-ch synchronous playback
- Smart search for efficient playback
- Supports third-party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- Supports line crossing and intrusion VCA (Video Content Analytics) events for both analog and smart IP cameras
- Supports up to 4-ch line crossing detection and intrusion detection, and 1-ch sudden scene change detection
- VQD (Video Quality Diagnostics)

Network & Ethernet Access

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

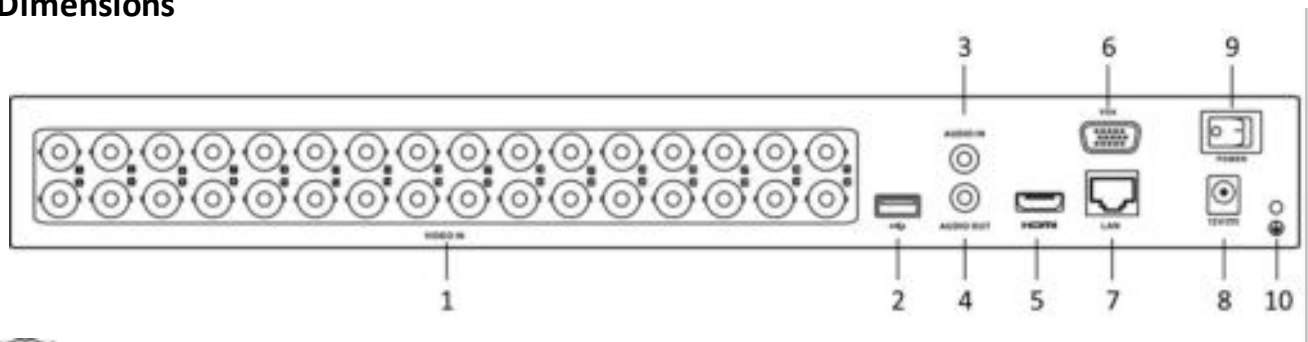
Specifications

| Model | | DVR-224Q-K2 | DVR-232Q-K2 |
|--------------------|---------------------------|--|--------------------|
| Video/Audio input | Video compression | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 | |
| | Analog video input | 24-ch | 32-ch |
| | | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection | |
| | HDTVI input | 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 Note: The 3 MP signal input is only available for channel 1/2/3/4. | |
| | AHD input | 4 MP, 1080p25, 1080p30, 720p25, 720p30 | |
| | HDCVI input | 1080p25, 1080p30, 720p25, 720p30 | |
| | CVBS input | PAL/NTSC | |
| | IP video input | 2-ch (up to 26-ch) | 2-ch (up to 34-ch) |
| | | Up to 4 MP resolution | |
| | | Supports H.265+/H.265/H.264+/H.264 IP cameras | |
| | Audio compression | G.711u | |
| | Audio input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) | |
| | 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 | When 1080p Lite mode not enabled: 4 MP lite/3 MP/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 4 MP lite/3 MP/1080p lite/720p lite/VGA/WD1/4CIF/CIF | |
| | Frame rate | Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N) | |
| | Video bit rate | 32 Kbps to 6 Mbps | |
| | Audio output | 1-ch, RCA (Linear, 1 KΩ) | |
| | Audio bit rate | 64 Kbps | |
| | Dual stream | Support | |
| | Stream type | Video, Video & Audio | |
| | Synchronous playback | 16-ch | |
| 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 | 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 st audio input) | |
| | Network interface | 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface | |
| | USB interface | Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0 | |
| General | Power supply | 12 VDC | |
| | Consumption (without HDD) | ≤ 55 W | ≤ 65 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) | ≤ 2 kg (4.4 lb) | |

Available Models

DVR-224Q-K2, DVR-232Q-K2

Dimensions



NOTE The rear panel of DVR-224Q-K2 provides 24 video input interfaces.

| Index | Description | Index | Description |
|-------|--------------------------|-------|-----------------------|
| 1 | VIDEO IN | 6 | VGA Interface |
| 2 | USB Interface | 7 | LAN Network Interface |
| 3 | AUDIO IN, RCA Connector | 8 | 12 VDC Power Input |
| 4 | AUDIO OUT, RCA Connector | 9 | Power Switch |
| 5 | HDMI Interface | 10 | GND |