

DVR-2XXQ-F1 SERIES TURBO HD DVR



Key Features

Video Input and Transmission

- Connectable to Turbo HD, AHD, HDCVI and analog cameras
- Up to 2-ch 1080p IP cameras input
- Long distance transmission over UTP and coaxial cable

Compression and Recording

- One-key enable H.264+ compression to improve encoding efficiency by up to 50% and reduce data storage costs
- Up to 3 MP resolution for recording of the first channel of DVR-204Q-F1, the first 2 channels of DVR-208Q-F1, and the first 4 channels of DVR-216Q-F1
- Supports real-time 1080p lite and when enabled, the image effect is similar with 1080p

Video Output

- Simultaneous HDMI/VGA output at up to 1920 × 1080 resolution for DVR-204Q/208Q-F1 and 4K (3840 × 2160) resolution for HDMI output of DVR-216Q-F1

Storage and Playback

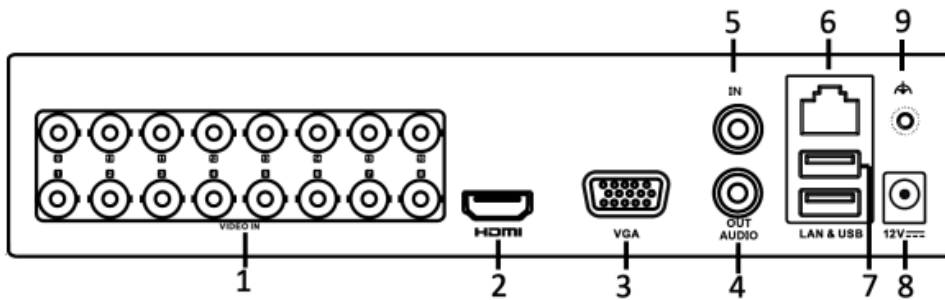
- One SATA interface (up to 6 TB capacity per HDD)
- 4/8/16-ch synchronous playback
- Smart search for efficient playback

Smart Function

- VQD (Video Quality Diagnostics)
- Unlock pattern for device login for the *admin* and clear-text password available
- GUID file can be exported for password resetting and imported for finding the forgotten password
- Supports PTZ control via Omnicast VMS of Genetec protocol

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- One self-adaptive 10/100Mbps network interface for DVR-204Q/208Q-F1 and one self-adaptive 10/100/1000Mbps network interface for DVR-216Q-F1
- Output bandwidth limit configurable



i NOTE

The rear panel of DVR-204Q/208Q-F1 provides 4/8 video input interfaces.

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


Specifications



| Model | | DVR-204Q-F1 | DVR-208Q-F1 | DVR-216Q-F1 |
|--------------------|---------------------------------|---|-------------|--|
| Video/Audio input | Video compression | H.264+/H.264 | | |
| | Analog video input | 4-ch | 8-ch | 16-ch |
| | | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection | | |
| | Turbo HD input | 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60 Note: The 3 MP signal input is only available for the first channel of DVR-204Q-F1, the first 2 channels of DVR-208Q-F1, and the first 4 channels of DVR-216Q-F1. | | |
| | AHD input | 1080p25, 1080p30, 720p25, 720p30 | | |
| | HDCVI input | 1080p25, 1080p30, 720p25, 720p30 | | |
| | CVBS input | Support | | |
| | IP video input | 1-ch | 2-ch | |
| | | Up to 1080p resolution | | |
| | Audio compression | G.711u | | |
| | Audio input/Two-way audio input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) | | |
| Video/Audio output | HDMI/VGA output | 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 VGA: 1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |
| | Encoding resolution | When 1080p Lite mode not enabled: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 1080p lite/720p/VGA/WD1/4CIF/CIF | | |
| | Frame rate | Main stream: When 1080p Lite mode not enabled: For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@12fps For 1080p stream access: 1080p/720p@12fps; 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: 1080p lite/720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/2CIF@12fps; CIF/QVGA/QCIF@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 | 4-ch | 8-ch | 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 | 1 SATA interface | | |
| | Capacity | Up to 6 TB capacity for each disk | | |
| External interface | Network interface | 1, RJ45 10M/100M self-adaptive Ethernet interface | | 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface |
| | USB interface | Real panel: 2 × USB 2.0 | | |
| General | Power supply | 12 VDC | | |
| | 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% | | |
| | Dimensions (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) |

Applicable Models

DVR-204Q-F1, DVR-208Q-F1, DVR-216Q-F1

A decorative graphic in the top-left corner consisting of several overlapping, semi-transparent triangles in shades of gray, creating a geometric pattern.