

DS-7200HGHI-F1 SERIES TURBO HD DVR



Features and Functions

Video Input and Transmission

- Connectable to HDTVI, AHD 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
- Supports real-time 1080p lite of all channels and when enabled, the image effect is similar with 1080p

Video Output

- HDMI/VGA output at up to 1920 × 1080 resolution

Storage and Playback

- One SATA interface (up to 6 TB capacity per HDD)
- 4/8/16-ch synchronous playback at up to 720p resolution
- Smart search for efficient playback

Smart Function

- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- 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

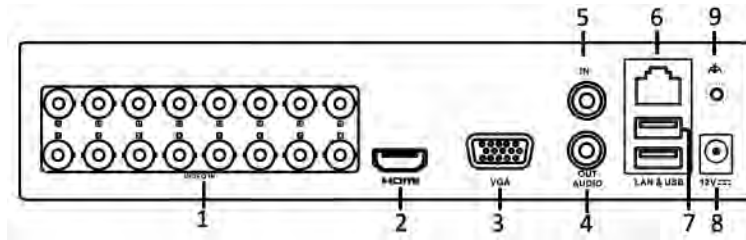
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- One self-adaptive 10/100Mbps network interface
- Output bandwidth limit configurable



Specifications

| Model | | DS-7204HGHI-F1 | DS-7208HGHI-F1 | DS-7216HGHI-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 | | |
| | HDTVI input | 1080p25, 1080p30, 720p25, 720p30 | | |
| | AHD input | 720p25, 720p30 | | |
| | CVBS input | Support | | |
| | IP video input | 1-ch | 2-ch | |
| | | Up to 960p resolution | 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 | | |
| | Encoding resolution | When 1080p Lite mode not enabled: 720p/WD1/4CIF/VGA/CIF When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/CIF | | |
| | Frame rate | Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) | | |
| | | Sub-stream: 2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N) | Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/QCIF@25fps (P)/30fps (N) | |
| | Video bit rate | 32 Kbps to 4 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 | 32 | 128 | |
| | Network protocols | TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS | | |
| 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 | | |
| | USB interface | Rear 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) |

Physical Interfaces



NOTE

The rear panel of DS-7204/7208HGHI-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 | GND |
| 4 | AUDIO OUT | 9 | 12 VDC Power Input |
| 5 | AUDIO IN | | |

Available Models

DS-7204HGHI-F1, DS-7208HGHI-F1 and DS-7216HGHI-F1

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