

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

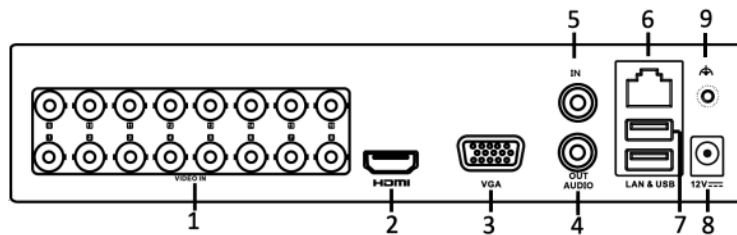
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- One self-adaptive 10/100Mbps network interface
- Output bandwidth limit configurable



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

Distributed by



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DS-7332HGHI-SH

TurboHD DVR



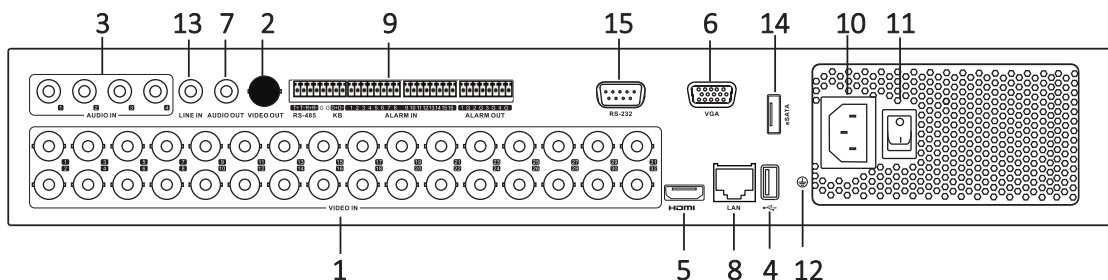
Key Features

- Dual Stream H.264 Compression
- HD-TVI/Analog/Network Camera Tribrid
- Auto-Detect/Configure HD-TVI/Analog Input
- Full Channel @ 1080p Resolution Non Real-Time Recording
- HDMI and VGA Output at Up to 1920 x 1080p Resolution
- High Resolution Over Coax Cable
- Supports Up to 16-ch Synchronous Playback at 1080p Resolution

Rear Panel

1. Video In
2. Not Used
3. Audio In RCA Connectors
4. USB Port
5. HDMI
6. VGA Interface
7. VGA Audio Out
8. LAN Network Interface
9. RS-485 Serial Interface, Keyboard Interface, Alarm In
10. 100 to 240 VAC Power Input
11. Power Switch
12. GND
13. Line In
14. eSATA Interface
15. RS-232 Serial Port

| DS-7332HGHI-SH | |
|-------------------------------|--|
| Video/Audio Input | |
| Video Compression | H.264 |
| Analog and HD-TVI Video Input | 32-ch BNC interface (1.0 Vp-p, 75 Ω) |
| Supported Camera Types | 720p25, 720p30, 720p50, 720p60, 1080p25, 1080p30, CVBS |
| IP Video Input | 8-ch (up to 32-ch) Up to 2 MP resolution |
| Audio Compression | G711u |
| Audio Input | 4-ch, RCS (2.0 Vp-p, 1 K Ω) |
| Two-Way Audio In | 1-ch, RCA (2.0 Vp-p, 1 K Ω) |
| Video/Audio Output | |
| HDMI/VGA Output | 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz, 1024 x 768/60 Hz |
| Encoding Resolution | Main stream: 1080p (non-real-time)/720p/VGA/4CIF/CIF Sub-stream: WD1 (non-real-time)/4CIF (non-real-time)/CIF/QCIF/QVGA |
| Frame Rate | Main stream: 30 fps (maximum) Sub-stream: 30 fps (maximum) |
| Video Bit Rate | 32 Kbps to 8 Mbps |
| Audio Output | 2-ch, RCA (linear, 1 K Ω, for VGA output and CVBS output respectively) |
| Audio Bit Rate | 64 Kbps |
| Dual-Stream | Supported |
| Stream Type | Video, video and audio |
| Synchronous Playback | 16-ch |
| Playback Resolution | 1080p/720p/VGA/WD1/4CIF/CIF/QVGA/QCIF |
| Network Management | |
| Remote Connections | 128 |
| Network Protocols | TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, ISCSI, UPnP™, HTTPS |
| Hard Disk | |
| Type | 4 SATA interfaces for 4 HDDs; 1 eSATA interface |
| Capacity | Up to 6 TB capacity for each disk |
| External Interface | |
| Network Interface | 1; 10M/100M/1000M self-adaptive Ethernet interface |
| Serial Interface | RS-232, RS-485, keyboard |
| Alarm In/Out | 16/4 |
| USB Port | 3 x USB 2.0 |
| General | |
| Power Supply | 100 to 240 VAC, 47 to 63 Hz |
| Consumption (w/o hard disks) | ≤ 65 W |
| Working Temperature | -10° C to +55° C (14° F to 131° F) |
| Working Humidity | 10% to 90% |
| Chassis | 19-inch rack-mounted 1.5U chassis |
| Dimensions (w x d x h) | 445 mm x 390 mm x 70 mm (17.5" x 15.3" x 2.7") |
| Weight (w/o hard disks) | ≤ 5 Kg (11.0 lb) |



Order Model

DS-7332HGHI-SH