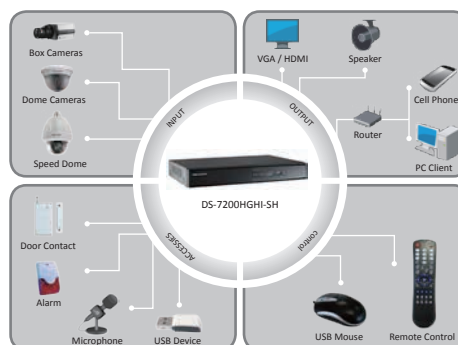


## DS-7200HGHI-SH

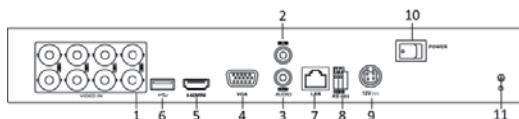
### Turbo HD DVR



#### Key features

- H.264 & Dual-stream video compression
- Support HD-TVI/analog/IP camera triple hybrid
- Support both HD-TVI and analog cameras with adaptive access
- Full channel@720P resolution real-time recording
- HDMI and VGA output at up to 1920×1080P resolution
- Long transmission distance over coax cable
- Support up to 16-ch synchronous playback at 1080P resolution

#### Rear Panel of DS-7200HGHI-SH



- 1 VIDEO IN
- 2 AUDIO IN, RCA Connector
- 3 AUDIO OUT, RCA Connector
- 4 VGA Interface
- 5 HDMI Interface
- 6 USB Port
- 7 LAN Network Interface
- 8 RS-485 Serial Interface
- 9 12VDC Power Input
- 10 Power Switch
- 11 GND

#### Available models

- DS-7204HGHI-SH
- DS-7208HGHI-SH
- DS-7216HGHI-SH.

|                                  | DS-7204HGHI-SH                                                                                                                                | DS-7208HGHI-SH | DS-7216HGHI-SH                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------|
| Video/Audio input                |                                                                                                                                               |                |                                                        |
| Video compression                | H.264                                                                                                                                         |                |                                                        |
| Analog and HD-TVI video input    | 4-ch                                                                                                                                          | 8-ch           | 16-ch                                                  |
|                                  | BNC interface (1.0Vp-p, 75 Ω)                                                                                                                 |                |                                                        |
| Supported camera types           | 720P25, 720P30, 720P50, 720P60, 1080P25, 1080P30, CVBS                                                                                        |                |                                                        |
| Audio compression                | G.711u                                                                                                                                        |                |                                                        |
| Audio input / Two-way audio in   | 1-ch, RCA (2.0 Vp-p, 1 KΩ)                                                                                                                    |                |                                                        |
| Video/Audio output               |                                                                                                                                               |                |                                                        |
| HDMI / VGA output                | 1920 × 1080 / 60 Hz,1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz                                                               |                |                                                        |
| Encoding resolution              | Main stream: 1080P(non-real-time) / 720P / VGA / WD1 / 4CIF / CIF<br>Sub-stream: WD1(non-real-time) / 4CIF(non-real-time) / CIF / QCIF / QVGA |                |                                                        |
| Frame rate                       | Main stream: 1/16 fps ~ Real time frame rate<br>Sub-stream: 1/16 fps ~ Real time frame rate                                                   |                |                                                        |
| Video bitrate                    | 32 Kbps-6 Mbps                                                                                                                                |                |                                                        |
| Audio output                     | 1-ch, RCA (Linear, 1KΩ)                                                                                                                       |                |                                                        |
| Audio bitrate                    | 64 Kbps                                                                                                                                       |                |                                                        |
| Dual-stream                      | Support                                                                                                                                       |                |                                                        |
| Stream type                      | Video, Video & Audio                                                                                                                          |                |                                                        |
| Synchronous playback             | 4-ch                                                                                                                                          | 8-ch           | 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                        |                                                                                                                                               |                |                                                        |
| SATA                             | 1 SATA interface                                                                                                                              |                | 2 SATA interfaces                                      |
| Capacity                         | Up to 4 TB capacity for each disk                                                                                                             |                |                                                        |
| External interface               |                                                                                                                                               |                |                                                        |
| Network interface                | 1; 10M / 100M self-adaptive Ethernet interface                                                                                                |                | 1; 10M / 100M / 1000M self-adaptive Ethernet interface |
| Serial interface                 | 1; standard RS-485 serial interface, half-duplex                                                                                              |                |                                                        |
| USB port                         | 2 × USB2.0                                                                                                                                    |                |                                                        |
| General                          |                                                                                                                                               |                |                                                        |
| Power supply                     | 12V DC                                                                                                                                        |                |                                                        |
| Consumption (without hard disks) | ≤ 15W                                                                                                                                         | ≤ 20W          | ≤ 20W                                                  |
| Working temperature              | -10 °C ~+55 °C (14 °F ~ 131 °F)                                                                                                               |                |                                                        |
| Working humidity                 | 10% ~ 90%                                                                                                                                     |                |                                                        |
| Chassis                          | 1U chassis                                                                                                                                    |                | 380mm 1U chassis                                       |
| Dimensions (W × D × H)           | 315 × 242 × 45mm (12.4 × 9.5 × 1.8 inch)                                                                                                      |                | 380 × 290 × 48mm (15.0 × 11.4 × 1.9 inch)              |
| Weight (without hard disks)      | ≤ 1.5Kg (3.3lb)                                                                                                                               |                | ≤ 2Kg (4.4lb)                                          |