

DS-7216HGH1-M1 TURBO HD DVR

Key Feature

- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTV/AVHD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 18-ch IP camera inputs (up to 5 MP)
- Up to 1080p Lite@15 fps encoding capability
- Max. 1200 m for 720p HDTV signal



Smart Function

- Deep learning-based motion detection 2.0

Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Support 1080p Lite of all channels. When 1080p Lite is on, the image effect is similar with 1080p

Storage and Playback

- 1 SATA interface (up to 10 TB capacity)
- Smart search for efficient playback

Network & Ethernet Access

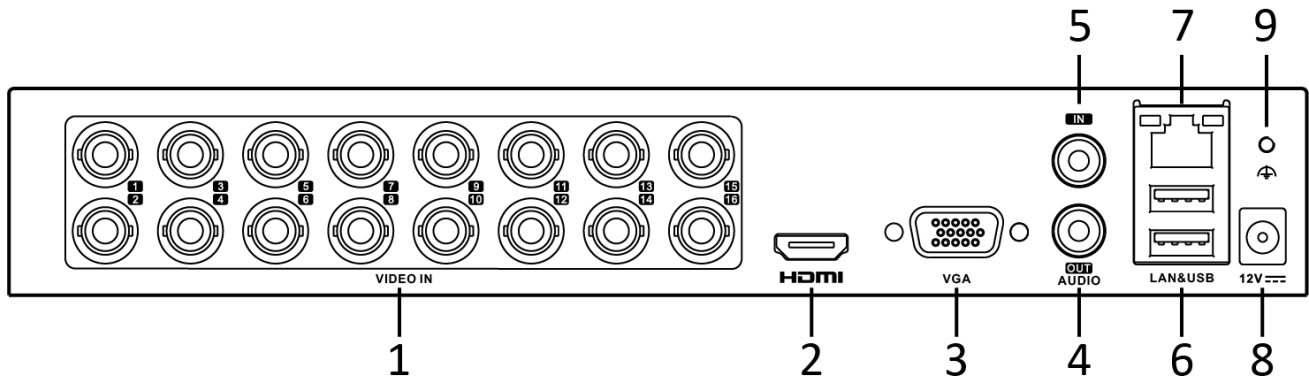
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

▪ Specification

| Motion Detection 2.0 | |
|------------------------|--|
| Human/Vehicle Analysis | <p>Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights;</p> <p>Quick search by object or event type is supported;</p> |
| Recording | |
| Video Compression | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 |
| Encoding Resolution | <p>For 1080p stream access: 1080p Lite/720p Lite/WD1/4CIF/VGA/CIF</p> <p>For 720p stream access: 720p/WD1/4CIF/VGA/CIF</p> <p>For standard definition stream access: WD1/4CIF/VGA/CIF</p> |
| Frame Rate | <p>Main stream:</p> <p>For 1080p stream access: 1080p Lite/720p Lite/WD1/4CIF/VGA/CIF@15 fps</p> <p>For 720p stream access: 720p/WD1/4CIF/VGA/CIF@15 fps</p> <p>For SD stream access: WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)</p> <p>Sub-stream:</p> <p>For 1080p and 720p stream access: CIF/QVGA@15 fps</p> <p>For SD stream access: CIF/QVGA@25 fps (P)/30 fps (N)</p> |
| Video Bitrate | 32 Kbps to 4 Mbps |
| Stream Type | Video, Video & Audio |
| Audio Compression | G.711u |
| Audio Bitrate | 64 Kbps |
| Video and Audio | |
| IP Video Input | <p>2-ch (up to 18-ch)</p> <p>Up to 5 MP resolution</p> <p>Support H.265+/H.265/H.264+/H.264 IP cameras</p> |
| Analog Video Input | <p>16-ch</p> <p>BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection</p> |
| HDTVI Input | 1080p25, 1080p30, 720p25, 720p30 |
| AHD Input | 1080p25, 1080p30, 720p25, 720p30 |
| HDCVI Input | 1080p25, 1080p30, 720p25, 720p30 |
| CVBS Input | Support |
| HDMI Output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz |
| VGA Output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz |
| Video Output Mode | HDMI/VGA simultaneous output |

| | |
|----------------------------|--|
| Audio Input | 1-ch RCA (2.0 Vp-p, 1 K Ω) 16-ch via coaxial cable |
| Audio Output | 1-ch, RCA (Linear, 1 K Ω) |
| Two-Way Audio | Reuse the first audio input |
| Synchronous playback | 16-ch |
| Network | |
| Total Bandwidth | 96 Mbps |
| Network Protocol | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS |
| Remote Connection | 128 |
| Network Interface | 1, RJ45 10/100 Mbps self-adaptive Ethernet interface |
| Auxiliary Interface | |
| SATA | 1 SATA interface |
| Capacity | Up to 10 TB capacity for each disk |
| USB Interface | Rear panel: 2 × USB 2.0 |
| General | |
| Power Supply | 12 VDC, 1.6 A |
| Consumption | ≤ 10 W (without HDD) |
| Working Temperature | -10 °C to 55 °C (14 °F to +31 °F) |
| Working Humidity | 10% to 90% |
| Dimension (W × D × H) | 260 × 222 × 45 mm (10.2 × 8.7 × 1.8 inch) |
| Weight | ≤ 1.1 kg (without HDD, 2.4 lb.) |

Physical Interface



| No. | Description | No. | Description |
|-----|----------------------------|-----|-----------------------|
| 1 | Video and coaxial audio in | 6 | USB interface |
| 2 | HDMI interface | 7 | LAN network interface |
| 3 | VGA interface | 8 | 12 VDC power input |
| 4 | AUDIO OUT | 9 | GND |
| 5 | AUDIO IN | | |

Available Model

DS-7216HGHI-M1

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
www.hikvision.com



Follow us on social media to get the latest product and solution information.

