

## DS-7116Hghi-K1(S) TURBO HD DVR

### Key Feature

- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTVI/AHD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 18-ch IP camera input (up to 5 MP)
- Max. 800 m for 1080p and 1200 m for 720p HDTVI signal transmission
- Up to 10 TB capacity per HDD



### Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency and reduces data storage costs
- Full channel recording at up to 1080p lite resolution

### Storage and Playback

- Smart search for efficient playback

### Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 96 Mbps total bandwidth

## Specification

|                             |                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Model</b>                | <b>DS-7116HGHI-K1(S)</b>                                                                                   |
| <b>Recording</b>            |                                                                                                            |
| <b>Video compression</b>    | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264                                                                    |
| <b>Encoding resolution</b>  | 1080p lite/720p/VGA/WD1/4CIF/CIF                                                                           |
| <b>Frame rate</b>           | Main stream:                                                                                               |
|                             | For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA@15 fps; CIF@25 fps (P)/30 fps (N)               |
|                             | For 720p stream access: 720p/WD1/4CIF/VGA@15 fps; CIF@ 25fps (P)/30 fps (N)                                |
|                             | For standard definition stream access: WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)                              |
|                             | Sub-stream:                                                                                                |
|                             | For 1080p and 720p stream access: CIF/QVGA@15 fps                                                          |
|                             | For standard definition stream access: CIF/QVGA@25 fps (P)/30 fps (N)                                      |
| <b>Video bit rate</b>       | 32 Kbps to 4 Mbps                                                                                          |
| <b>Dual stream</b>          | Support                                                                                                    |
| <b>Stream type</b>          | Video, Video & Audio                                                                                       |
| <b>Audio compression</b>    | G.711u                                                                                                     |
| <b>Audio bit rate</b>       | 64 Kbps                                                                                                    |
| <b>Video and Audio</b>      |                                                                                                            |
| <b>IP video input</b>       | 2-ch (up to 18-ch)                                                                                         |
|                             | Up to 5 MP resolution                                                                                      |
|                             | Support H.265+/H.265/H.264+/H.264 IP cameras                                                               |
| <b>Analog video input</b>   | 16-ch                                                                                                      |
|                             | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection                                            |
| <b>HDTVI input</b>          | 1080p25, 1080p30, 720p25, 720p30                                                                           |
| <b>AHD input</b>            | 1080p25, 1080p30, 720p25, 720p30                                                                           |
| <b>HDCVI input</b>          | 1080p25, 1080p30, 720p25, 720p30                                                                           |
| <b>CVBS input</b>           | PAL/NTSC                                                                                                   |
| <b>HDMI/VGA output</b>      | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz<br>HDMI/VGA simultaneous output |
| <b>Audio input</b>          | 1-ch RCA (2.0 Vp-p, 1 KΩ), and 16-ch via coaxial cable                                                     |
| <b>Audio output</b>         | 1-ch, RCA (Linear, 1 KΩ)                                                                                   |
| <b>Two-way audio</b>        | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)                                                         |
| <b>Synchronous playback</b> | 16-ch                                                                                                      |
| <b>Network</b>              |                                                                                                            |
| <b>Remote connections</b>   | 128                                                                                                        |
| <b>Network protocols</b>    | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF                    |
| <b>Network interface</b>    | 1, RJ45 10/100 Mbps self-adaptive Ethernet interface                                                       |
| <b>Auxiliary interface</b>  |                                                                                                            |
| <b>SATA</b>                 | 1, SATA interface                                                                                          |
| <b>Capacity</b>             | Up to 10 TB capacity for each disk                                                                         |
| <b>USB interface</b>        | Rear panel: 2 × USB 2.0                                                                                    |
| <b>General</b>              |                                                                                                            |

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| <b>Power supply</b>              | 12 VDC, 1.6 A                             |
| <b>Consumption (without HDD)</b> | ≤ 7 W                                     |
| <b>Working temperature</b>       | -10 °C to 55 °C (14 °F to 131 °F)         |
| <b>Working humidity</b>          | 10% to 90%                                |
| <b>Dimension (W × D × H)</b>     | 285 × 210 × 45 mm (11.2 × 8.3 × 1.8 inch) |
| <b>Weight (without HDD)</b>      | ≤ 1.8 kg (4.0 lb)                         |