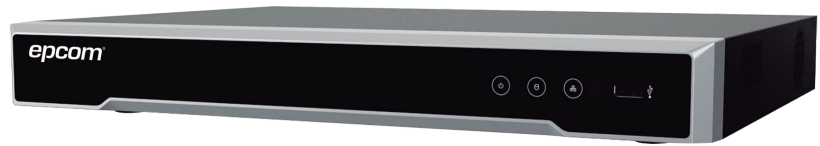


# EV-8016TURBO

## SERIES TURBOHD DVR



### Key Features

#### Video Input and Transmission

- H.265 Pro+/H.265 Pro/H.265 video compression.
- HDTV/1/AHD/CVI/CVBS/IP video input.
- Audio via coaxial cable.
- Up to 8/16/32-ch IP camera inputs (up to 8 MP).
- Max. 800 m for 1080p and 1200 m for 720p HDTV signal transmission.
- Up to 10 TB capacity per HDD.

#### Compression and Recording

- H.265 Pro+ can be enabled to improve encoding efficiency and reduce data storage costs.
- Recording at up to 8 MP lite resolution.

#### Storage and Playback

- 2 SATA interfaces
- Smart search for efficient playback
- Support the third party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

#### Smart Function

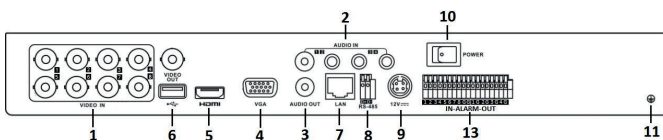
- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Support line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection

#### Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Max. 32/64/128 Mbps incoming bandwidth and output bandwidth limit configurable

### Physical Interfaces

- The rear panel of EV8016TURBO provides 16 video input interfaces.



| Index | Description I            | ndex | Description             |
|-------|--------------------------|------|-------------------------|
| 1     | VIDEO IN                 | 8    | RS-485 Serial Interface |
| 2     | AUDIO IN, RCA Connector  | 9    | 12 VDC Power Input      |
| 3     | AUDIO OUT, RCA Connector | 10   | Power Switch            |
| 4     | VGA Interface            | 11   | GND                     |
| 5     | HDMI Interface           | 12   | VIDEO OUT               |
| 6     | USB Interface            | 13   | Alarm In/Out            |
| 7     | LAN Network Interface    |      |                         |

|                        |  |
|------------------------|--|
| <b>Recording</b>       |  |
| Video compression      | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264  |
| Encoding resolution    | When 8 MP Lite mode is not enabled:<br>8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF<br>When 8 MP Lite mode is enabled:<br>8 MP Lite/3MP/1080P/720P/WD1/4CIF/VGA/CIF   |
| Frame rate             | Main stream:<br>When 8 MP Lite mode is not enabled:<br>8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps<br>1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)<br>*: 8 MP@8 fps is only available for channel 1 of DS-7204HUHI-K2.<br>When 8 MP Lite mode enabled:<br>8 MP Lite/3MP/1080P/720P/WD1/4CIF/VGA/CIF@15 fps<br>Sub-stream:<br>WD1/4CIF/CIF@25fps (P)/30fps (N) |
| Video bit rate         | 32 Kbps to 10 Mbps   |
| Dual stream            | Support  |
| Stream type            | Video, Video & Audio   |
| Audio compression      | G.711u   |
| Audio bit rate         | 64 Kbps  |
| <b>Video and Audio</b> |  |
| Operating Conditions)  | 16-ch (up to 32-ch)  |
|                        | Up to 8 MP resolution  |
|                        | Support H.265+/H.265/H.264+/H.264 IP cameras   |
| Analog video input     | 16-ch<br>BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection   |
| HDTVI input            | 8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25   |
| AHD input              | 5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30   |
| HDCVI input            | 5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30   |
| CVBS input             | PAL/NTSC   |
| CVBS output            | 1-ch, BNC (1.0 Vp-p, 75 Ω),<br>resolution: PAL: 704 × 576, NTSC: 704 × 480   |
| VGA output             | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,<br>1024 × 768/60Hz  |
| HDMI output            | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 ×<br>1440)/60Hz, 1920 × 1080/60Hz, 1280 ×<br>1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz   |
| Audio input            | 4-ch, RCA (2.0 Vp-p, 1 KΩ)   |
| Audio output           | 1-ch, RCA (Linear, 1 KΩ)   |
| Two-way audio          | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)   |
| Synchronous playback   | 16-ch  |
| <b>Video and Audio</b> |  |
| Remote connection      | 128  |
| Network protocol       | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI,<br>UPnP™, HTTPS, ONVIF   |
| Network interface      | 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface  |
| <b>Video and Audio</b> |  |
| SATA                   | 2 SATA interfaces  |
| Capacity               | Up to 10 TB capacity for each disk   |
| Serial interface       | RS-485 (half-duplex)   |
| USB interface          | Front panel: 1 × USB 2.0/ Rear panel: 1 × USB 3.0  |
| Alarm in/out           | 16/4   |