

epcom®

Professional Video Surveillance Solutions

TURBO HD DVR

4-CH 4K/8MP 1U H.265 AcuSense

EX-8004-TURBO



KEY FEATURE

- 4 channels and 1 HDD 1U AcuSense DVR
- Support 2-ch Facial Recognition or 4-ch advanced model Perimeter Protection based on Deep Learning algorithm
- Efficient H.265 pro+ compression technology
- Encoding ability up to 4K @ 8fps(1 1-ch); 3K/5MP @12fps
- Up to 8 network cameras can be connected
- 5 signals input adaptively (HDMI/AHD/CVI/CVBS/IP)
- Support All channels Motion Detection technology

COMPRESSION AND RECORDING

- ☐ H.265 ProPro+ can be enabled to improve encoding efficiency and reduce data storage costs
- ☐ Recording at up to 3K resolution

STORAGE AND PLAYBACK

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

SMART FUNCTION

- ☐ Deep learning based human and vehicle targets classification of Motion Detection 2.0
- ☐ Deep learning based perimeter protection

NETWORK & ETHERNET ACCESS

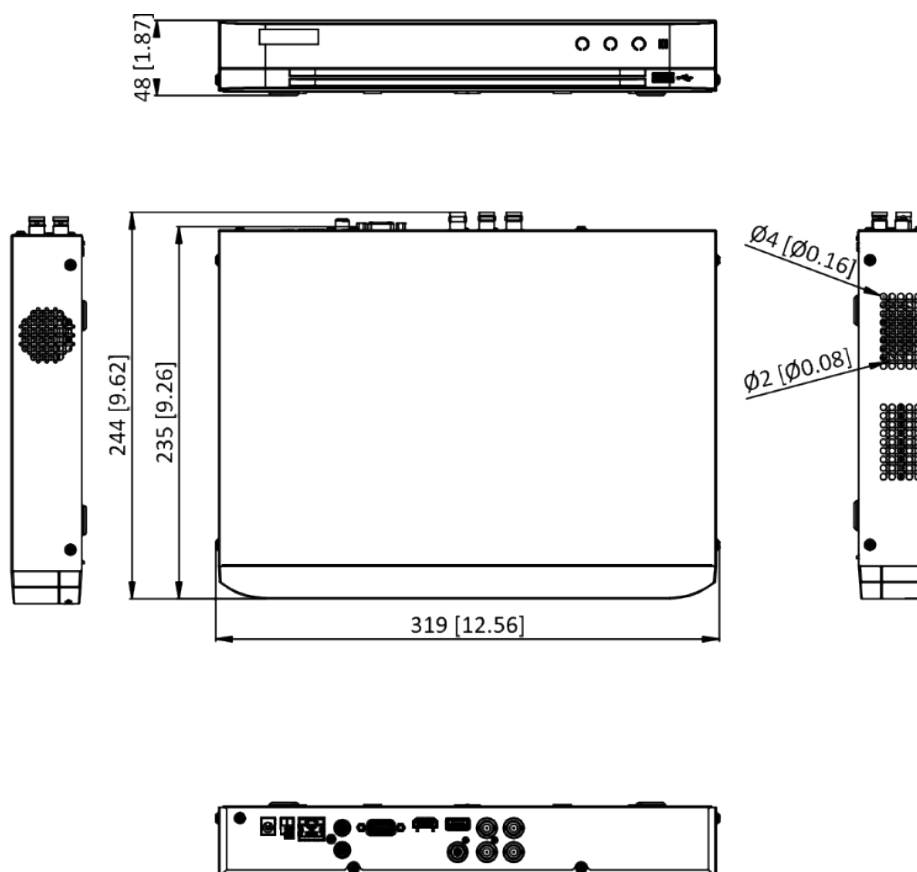
- Compatible with major Wi-Fi dongle products in the market
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

SPECIFICATION

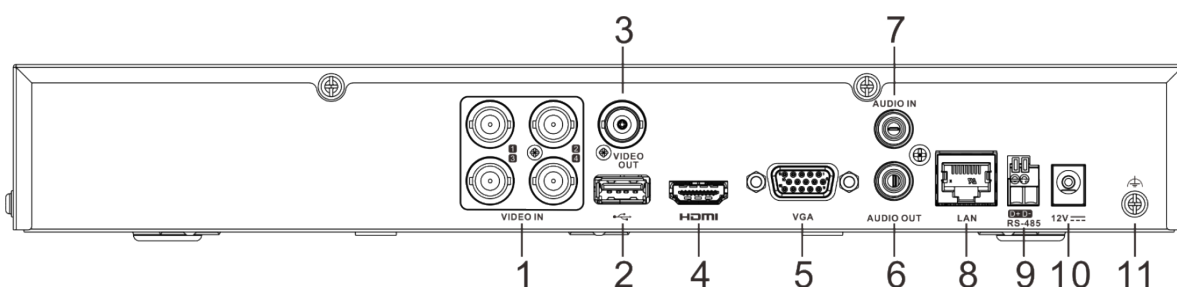
| Specification | Description |
|-----------------------------|--|
| Facial Recognition | |
| Face Picture Library | Up to 16 face picture libraries |
| Face Picture Comparison | Face picture comparison, face picture search; 2-ch face picture comparison alarm (HD analog camera) |
| Perimeter Protection | |
| Human/Vehicle Analysis | Up to 4-ch |
| Recording | |
| Video Compression | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 |
| Encoding Resolution | Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1. Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N) |
| Video Bitrate | 32 Kbps to 10 Mbps |
| Dual-stream | Support main stream or sub stream |
| Stream Type | Video, Video & Audio |
| Audio Compression | G.711u |
| Audio Bitrate | 64 Kbps |
| Video and Audio | |
| IP Video Input | 2-ch (up to 6-ch) Up to 8 MP resolution IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps Support H.265+/H.265/H.264+/H.264 IP cameras |
| Analog Video Input | 4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection |
| HDMI Output | 1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI/VGA simultaneous output |
| VGA Output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI/VGA simultaneous output |
| CVBS Input | PAL/NTSC |
| CVBS Output | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480 |
| Synchronous Playback | 4-ch |

| Specification | Description |
|----------------------------|---|
| HDTVI Input | 8 MP(3840 × 2160)@15 fps, 8 MP(3840 × 2160)@12 fps, 3K(2960 × 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 5 MP(2560 × 1944)@12 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 3 MP@18 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps |
| AHD Input | 5 MP(2560 × 1944)@20 fps, 5 MP(2560 × 1944)@12 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps |
| HDCVI Input | 8 MP(3840 × 2160)@15 fps, 8 MP(3840 × 2160)@12 fps, 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps |
| Audio Output | 1-ch, RCA (Linear, 1 KΩ) |
| Audio Input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) □ 4-ch via coaxial cable |
| Two-Way Audio | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) |
| Network | |
| Total Bandwidth | 96 Mbps |
| Network Protocol | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF |
| Remote Connection | 32 |
| 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 |
| Serial Interface | RS-485 (half-duplex) |
| USB Interface | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0 |
| Alarm In/Out | N/A |
| General | |
| Power Supply | 12 VDC, 1.5 A |
| Consumption | ≤ 10 W |
| Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working Humidity | 10% to 90% |
| Dimension (W × D × H) | 315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch) |
| Weight | ≤ 1.16 kg (2.6 lb) |

DIMENSION



PHYSICAL INTERFACE



| Specification | Description | No. | Description |
|---------------|--------------------------|-----|-------------------------|
| 1 | VIDEO IN | 7 | AUDIO IN, RCA connector |
| 2 | USB interface | 8 | LAN network interface |
| 3 | VIDEO OUT | 9 | RS-485 serial interface |
| 4 | HDMI interface | 10 | 12 VDC power input |
| 5 | VGA interface | 11 | GND |
| 6 | AUDIO OUT, RCA connector | | |