# EVERVIEW

# EAR526-16

## 5MP 16CH TVI DVR 1.5U

**Features and Functions**

**Appearance Designppearance**

· Typical chassis design to guarantee the low noise and environmental protection of the device
· Front slot ofDVD-R/Wfor more convenientinstallation and maintenance

**Video Input and Transmission**

· Self-adaptive HDTVI, AHD, HDCVI and analog cameras
· Long distance transmission over UTP and coaxial cable

**Compression and Recording**

· H.265+/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264 for the sub-stream of analog cameras
· Connectable to H.265+/H.265/H.264+/H.264 IP cameras
· H.265+can be enabled to improve encoding efficiency and reduce data storage costs
· Full channel recording at up to 5MP resolution
· Supports POS triggered recording and POS information overlay

**Video Output**

· Simultaneous HDMI1 and VGA output at up to 1920 ×1080 resolution, and independent HDMI 2 output at up to 4K (3840 ×2160) resolution
· Separate CVBS output

**Storageand Playback**

· Four SATA interfaces (up to 8TB capacity per HDD)
· Hot-swappable HDD supporting RAID0, RAID1, RAID5, RAID 6 and RAID10 storage scheme
· 16-ch synchronous playback
· Smart search for efficient playback
· Supports playback by main stream, or sub-stream for IP cameras
· Supports the3rdparty cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

**Smart Function**

· Support multiple VCA(Video Content Analytics) events for both analog and smart IP cameras
· Supports line crossing detection and intrusion detection of all channels and sudden scene change detection of 2-ch analog cameras
· Supports people counting and heat map functions for 1-ch analog camera
· VQD (Video Quality Diagnostics)
· Supports PTZ control via Omnicast VMS of Genetec protocol
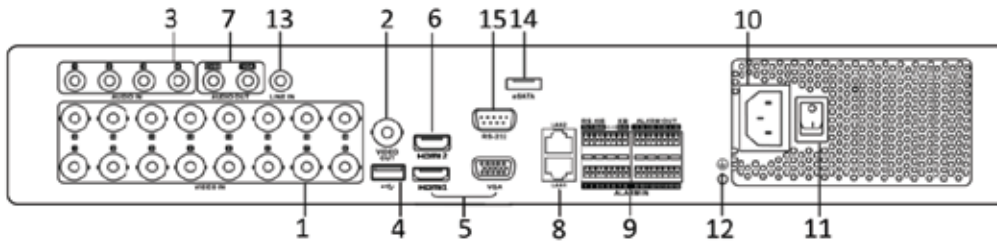
**Network & Ethernet Access**

· Hik-Connect& DDNS(Dynamic Domain Name System)for easy network management
· Two gigabit Ethernet network interfaces
· Output bandwidth limit configurable

## Specifications

| EAR526-16 | | |
|---|---|---|
| **Video/Audio Output** | Video compression | H.265+/H.265/H.264+/H.264 |
| | Analog video input | 16-ch |
| | | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection |
| | HDTVI input | 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60 |
| | AHD input | 720p25, 720p30, 1080p25, 1080p30 |
| | HDCVI input | 720p25, 720p30, 1080p25, 1080p30 |
| | CVBS input | Support |
| **Decoding** | IP video input | 2-ch (up to 18-ch) |
| | | Up to 8 MP resolution |
| | | Supports H.265+/H.265/H.264+/H.264 IP cameras |
| | Network bandwidth | 200 Mbps |
| | Audio compression | G.711u |
| | Audio input | 4-ch, RCA (2.0 Vp-p, 1 KΩ) |
| **Video/Audio output** | CVBS output | 2-ch @ 4K, or 8-ch @ 1080p |
| | HDMI1/VGA output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |
| | HDMI2 output | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |
| | Encoding resolution | 5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF |
| | Frame rate | Main stream:<br>5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps;<br>1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) |
| | | Sub-stream:<br>WD1/4CIF/CIF@25fps (P)/30fps (N) |
| | Video bit rate | 32 Kbps to 10 Mbps |
| | Audio output | 2-ch, RCA (Linear, 1 KΩ) |
| | Audio bit rate | 64 Kbps |
| | Dual stream | Support |
| | Stream type | Video, Video & Audio |
| | Synchronous playback | 16-ch |
| **Network management** | Remote connections | 128 |
| | Network protocols | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF,SNMP |
| **Hard disk** | SATA | 4 SATA interfaces |
| | eSATA | Support |
| | Capacity | Up to 8 TB capacity for each disk |
| **Disk array** | Array type | RAID 0, RAID 1, RAID 5, RAID 6, RAID 10 |
| **External interface** | Two-way audio input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent) |
| | Network interface | 2, RJ45 10M/100M/1000M self-adaptive Ethernet interface |
| | USB interface | Front panel: 2 × USB 2.0 / Rear panel: 1 × USB 3.0 |
| | Serial interface | RS-232, RS-485 (full-duplex), Keyboard |
| | Alarm in/out | 16/4 |
| **General** | Power supply | 100 to 240 VAC |
| | Consumption (without HDD) | ≤ 65 W |
| | Working temperature | -10 ºC to +55 ºC (+14 ºF to +131 ºF) |
| | Working humidity | 10% to 90% |
| | Dimensions (W × D × H) | 445 × 390 × 70 mm (17.5 × 15.4 × 2.8 inch) |
| | Weight(without HDD) | ≤ 5 kg (11.0 lb) |

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