

**Features and Functions**

**Appearance Design**

* Typical chassis design to guarantee the low noise and environmental protection of the device
* Front slot of DVD-R/W for more convenient installation and maintenance

**Video Input and Transmission**

* Self-adaptive HDTVI, AHD, HDCVI and analog cameras
* Up to 10/18-ch 8 MP IP cameras input for HAR526-8/16
* 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 5 MP 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

**Storage and Playback**

* Four SATA interfaces (up to 8 TB capacity per HDD)
* Hot-swappable HDD supporting RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme
* 8/16-ch synchronous playback
* Smart search for efficient playback
* Supports playback by main stream, or sub-stream for IP cameras
* Supports the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

**Smart Function**

* Supports 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**

* GuardingVision & DDNS (Dynamic Domain Name System) for easy network management
* Two gigabit Ethernet network interfaces
* Output bandwidth limit configurable

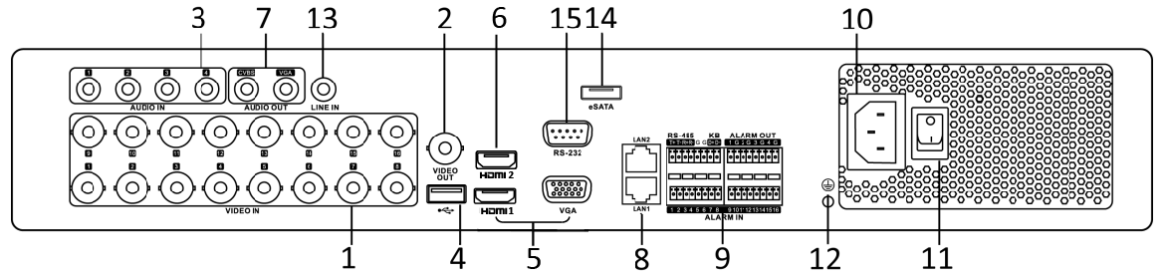
**HAR526 SERIES TVI HD DVR**

**Specifications**

| **Model** |  | **HAR526-8** | **HAR526-16** |
| --- | --- | --- | --- |
| **Video/Audio input** | **Video compression** | H.265+/H.265/H.264+/H.264 | |
| **Analog video input** | 8-ch | 16-ch |
| BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection | |
| **HDTVI input** | 8 MP, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60 | |
| **AHD input** | 5 MP, 4 MP, 720p25, 720p30, 1080p25, 1080p30 | |
| **HDCVI input** | 4 MP, 720p25, 720p30, 1080p25, 1080p30 | |
| **CVBS input** | Support | |
| **IP video input** | 2-ch (up to 10-ch) | 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 | 260 Mbps |
| **Audio compression** | G.711u | |
| **Audio input** | 4-ch, RCA (2.0 Vp-p, 1 KΩ) | |
| **Video/Audio output** | **CVBS output** | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480 | |
| **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** | 8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF | |
| **Frame rate** | Main stream: 8 MP @ 8fps / 5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps;  1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) | |
| Sub-stream:  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** | 8-ch | 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)** | ≤ 45 W | ≤ 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) | |

**Physical Interfaces**

|  |  |  |  |
| --- | --- | --- | --- |
| **Index** | **Description** | **Index** | **Description** |
| **1** | VIDEO IN | **9** | RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT |
| **2** | VIDEO OUT | **10** | 100 to 240 VAC Power Input |
| **3** | AUDIO IN, RCA Connector | **11** | Power Switch |
| **4** | USB Interface | **12** | GND |
| **5** | HDMI1/VGA Interface | **13** | LINE IN |
| **6** | HDMI2 Interface | **14** | eSATA Interface |
| **7** | CVBS AUDIO OUT and VGA AUDIO OUT | **15** | RS-232 Serial Interface |
| **8** | LAN1 and LAN2 Network Interfaces |  |  |



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HAR526-16

**Available Models**

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The rear panel of HAR526-8 provides 8 video input interfaces.