

ST-HDC24 / ST-HDC32

24 or 32 Channel 8MP H.265+ 4HDD Bay XDVR



This XDVR is designed to provide the ability to quickly and easily play and store digital CCTV recording footage. With 24 to 32 channels, this is a great fit for office spaces, warehouses, and public spaces where a variety of cameras need to be monitored. Featuring H.265+ Pro and full channel recording at 8 MP, clear and usable footage is stored for your convenience. A rugged physical design, and RAID storage capabilities ensure that the footage will be protected and available.

Appearance Design

- Guaranteed low noise output and environmental protection from durable chassis design
- Convenient and easy to use front DVD-R/W slot with bracket for simple installation and maintenance

Video Input and Transmission

- Self-adaptive HDTV/HDCVI/AHD/CVBS signal input
- Supports up to 8 MP IP camera inputs
- Long distance transmission over UTP and coaxial cable

Compression and Recording

- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 encoding for the main stream
- H.265/H.264 for the sub-stream of analog cameras
- Supports H.265+/H.265/H.264+/H.264 IP cameras
- Reduces data storage and improves encoding using H.265+
- Full channel recording at up to 8 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 10 TB capacity per HDD) and one eSATA interface
- RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme with hotswap enabled HDD
- 16-ch synchronous playback
- Smart search for efficient playback
- Supports playback by main stream, or sub-stream for IP cameras
- Supports third party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- Multiple Video Content Analytics (VAC) event are supported 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

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Two RJ45 10M/100M/1000M Ethernet network interface
- Output bandwidth limit configurable

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Dimensions and Specifications

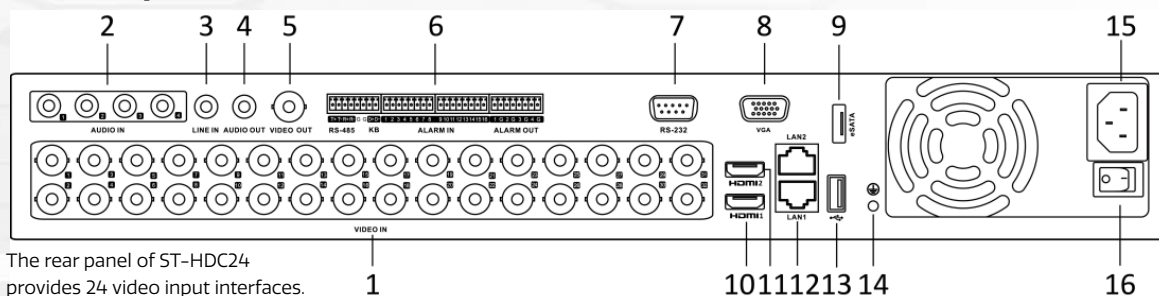


Diagram Reference

1	VIDEO IN	5	VIDEO OUT	9	eSATA Interface	13	USB Interface
2	AUDIO IN, RCA Connector	6	RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT	10	HDMI1 Interface	14	GND
3	LINE IN	7	RS-232 Serial Interface	11	HDMI2 Interface	15	100 to 240 VAC Power Input
4	AUDIO OUT	8	VGA Interface	12	LAN1 and LAN2 Network Interfaces	16	Power Switch

Video/Audio Input	
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analog video input	24-channel/32-channel 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, 1080p25, 1080p30, 720p25, 720p30
HDCVI input	4 MP, 1080p25, 1080p30, 720p25, 720p30
CVBS input	PAL/NTSC
IP video input	8-ch (up to 40-ch) Up to 8 MP resolution Supports H.265+/H.265/H.264+/H.264 IP cameras
Audio compression	G.711u
Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)

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

Network Management	
Remote connections	128
Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF

Hard Disk	
SATA	4 SATA interfaces
eSATA	Support
Capacity	Up to 10 TB capacity for each disk

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	1-ch, RCA (Linear, 1 KΩ)
Audio bit rate	64 Kbps
Dual stream	Support
Stream type	Video, Video & Audio
Synchronous playback	16-ch

General	
Power supply	100 to 240 VAC
Consumption (without HDD)	≤ 74 W
Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Working humidity	10% to 90%
Dimensions (W × D × H)	440 × 390 × 70 mm (17.3 × 15.4 × 2.8 inch)
Weight (without HDD)	≤ 7 kg (15.4 lb)
Generic Model Numbers	TVI-AR526-24 TVI-AR526-32