

TA-HDTVI532A

Turbo HD DVR



KEY FEATURES

Appearance Design

- ◆ Typical chassis design to guarantee the low noise and environmental protection of the device
- ◆ Front slot for insertion of DVD-R/W with bracket to make it more convenient to install and maintain

Video Input and Transmission

- ◆ Self-adaptive HDTVI/HDCVI/AHD/CVBS signal input
- ◆ Up to 8MP IP cameras input
- ◆ 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.264+ 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 1920x1080, and independent HDMI 2 output at up to 4K (3840x216) resolution
- ◆ Separate CVBS output

Storage and Playback

- ◆ 4 SATA interfaces (up to 8 TB capacity per HDD) and 1 eSATA interface
- ◆ Hot-swappable HDD supporting RAID 0, RAID 1, RAID 5, RAID 6, and RAID 10 storage scheme
- ◆ 16-ch synchronous playback

- ◆ Smart search for efficient playback
- ◆ Supports playback by main stream, sub-stream for IP cameras

- ◆ Supports third party cloud storage (Dropbox/Google drive/Microsoft OneDrive)

Smart Function

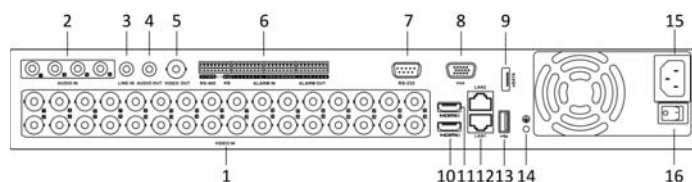
- ◆ Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- ◆ Supports line crossing detection and intrusion detection of all channels and sudden scene change detection of 2-ch analog cameras
- ◆ Supports people counting and heat map functions for 1-ch analog cameras
- ◆ 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
- ◆ 2 RJ45 10M/100M/1000M Ethernet network interface
- ◆ Output bandwidth limit configurable

Model	TA-HDTVI32A	
Video/ Audio input	Video Compression	H.265+/H.265/H.264+/H.264
	Analog Video input	32-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
Video/ Audio output	HDTVI input	5MP, 4MP, 3MP, 1080p30, 720p25, 720p30, 720p50, 720p60
	AHD input	5MP, 4MP, 1080p25, 1080p30, 720p25, 720p30
	HDCVI input	1080p25, 1080p30, 720p25, 720p30
	CVBS input	PAL/NTSC
	IP video input	8-ch (up to 40-ch), Up to 8MP resolution (supports H.265+/H.265/H.264+/H.264 IP cameras)
	Audio compression	G.711u
Video/ Audio output	Audio input	4-ch, RCA (2.0Vp-p, 1 K Ω)
	CVBS output	1-ch, BNC (1.0Vp-p, 75 K Ω), resolution: PAL: 704x576, NTSC: 704x480
	HDMI1 / VGA output	1-ch, 1920x1080/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
	HDMI2 output	1-ch, 4K (3840x2160)/30Hz, 2K (2560x1440)/60Hz, 1920x1080/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
	Encoding resolution	5MP / 4MP / 3MP / 1080p / 720p / WD1 / 4CIF / VGA / CIF
	Frame rate	Main stream: 5MP@12fps; 4MP@15fps; 3MP@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- 10 Mbps
	Audio output	1-ch, RCA (Linear, 1 K Ω)
	Audio bit rate	64 Kbps
	Dual-stream	Support
Stream type	Video, Video & Audio	
Synchronous playback	16-ch	
Network management	Remote connection	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 8TB capacity for each disk
External Interface	Two-way audio input	1-ch, RCA (2.0Vp-p, 1 K Ω) (independent)
	Network interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
	USB interface	Front panel: 2 x USB 2.0, Rear panel: 1 x 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 (w/o HDD)	≤ 74 W
	Working temperature	-10° to +55° C (14° to 131° F)
	Working Humidity	10% ~ 90%
	Dimensions (WxDxH)	440 x 390 x 70mm (17.3 x 15.4 x 2.8 inch)
	Weight (w/o HDD)	≤7Kg (15.4 lbs)

PHYSICAL INTERFACES



Index	Description	Index	Description
1	Video In	9	eSATA Interface
2	Audio In, RCA Connector	10	HDMI1 Interface
3	Line In	11	HDMI2 Interface
4	Audio Out	12	LAN1 and LAN2 Network Interfaces
5	Video Out	13	USB Interface
6	RS-485 Serial Interface, Keyboard Interface, Alarm In and Alarm Out	14	GND
7	RS-232 Serial Interface	15	100 to 240 VAC Power Input
8	VGA Interface	16	Power Switch