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
· 8MP/5MP/4MP HDTVI video input and live view
· Up to 8 MP 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.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 10 TB capacity per HDD) and
· one 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, or 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 camera
· VQD (Video Quality Diagnostics)
· Supports PTZ control via Omnicast VMS of Genetec
· protocol

Network & Ethernet Access

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

TA-HDTVI532A		
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
	HDTVI input	8MP, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60
	AHD input	5 MP, 4 MP, 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 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)
Video/Audio Input	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	8MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF
	Frame rate	Main stream:
		8MP@8fps/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 to 10 Mbps
	Audio output	1-ch, RCA (Linear, 1 KΩ)
	Audio bit rate	64kbps
	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
Hard Disk	SATA	4 SATA interfaces
	eSATA	Support
	Capacity	Up to 10 TB capacity for each disk
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)	≤ 74 W
	Working temperature	+14 ℉ to +131 ℉
	Working humidity	10% to 90%
	Dimensions	17.3 × 15.4 × 2.8 inch
	Weight (without HDD)	≤ 15.4 lb

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· Supports playback by main stream, or sub-stream for IP cameras
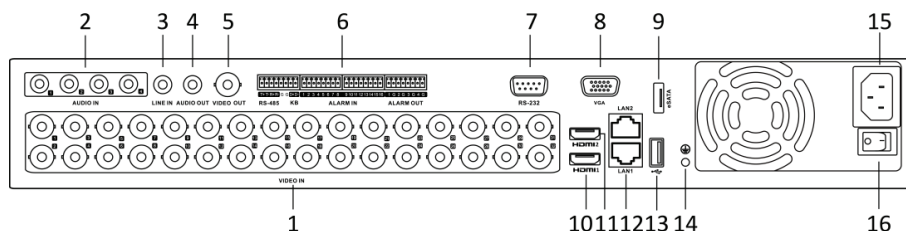· Supports third party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

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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