NVR

256CH NVR

16MP/12MP/8MP/6MP/4MP/3MP/1080P/720P HD NVR



TD-33256H16-A3H-B

8K Output | HD IPC | DDNS | Network | PTZ | Audio | MIC | Mobile | CMS | USB | Mouse | E-mail | STD | FR | VCA

This seires of products supports 256CH 16MP/12MP /8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280 ×1024 / 960P /720P high definition IP video input, which adopts the advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system.

This seires supports 256CH IP input, simultaneous 16 CH playback, and 8K high definition display. So it can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

en.tvt.net.cn

For more information, please visit our website

Shenzhen TVT Digital Technology Co., LTD.

Address: 23rd Floor, Block B4, Building NO.9, Shenzhen Bay Eco-Technology Park, Nanshan District, Shenzhen, Guangdong Province, P.R. China

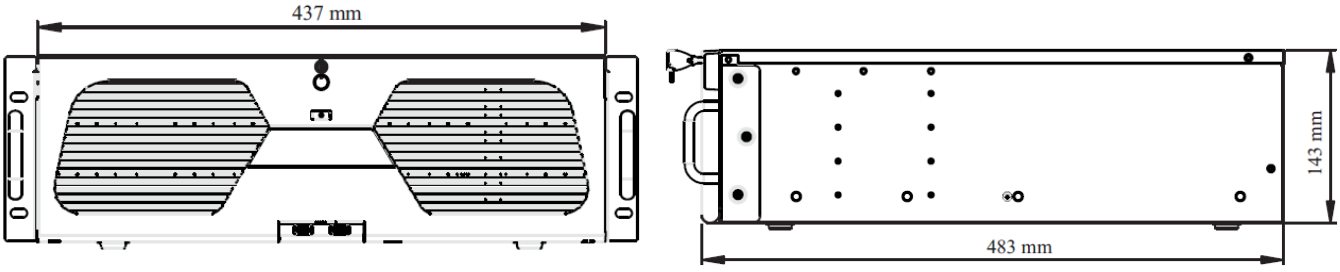
Tel: +86-755-36995888 Website: http://en.tvt.net.cn

Fax: +86-755-33104777 E-mail: overseas@tvt.net.cn

Features

- Support 256CH 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF IP input
- H.265S/H.265+/H.265/H.264 coding
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Multi-mode recording: manual / timed / motion / sensor/ POS / AI recording
- Playback: 16 CH simultaneous playback
- Search: time slice, time, event, tag, smart and target database search
- Support face detection and comparison
- Support multiple VCA (Video Content Analytics) events, such as region intrusion, tripwire, etc.
- Support OS information overlay on live view and playback
- Support RAID 0, 1, 5, 6, 10
- Express and flexible backup via USB, network and so on
- Preview, record, playback, backup and remote access are supported
- DHCP, DDNS, PPPoE network protocol, etc.
- Compatible with third-party IPCs, such as ONVIF, Hikvision, etc.
- Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- Multi-user online simultaneously
- Authorization management, log view and device status view
- 8K output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QR Code scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS

Dimensions



*All pictures and specifications are for reference only and are subject to change without prior notice

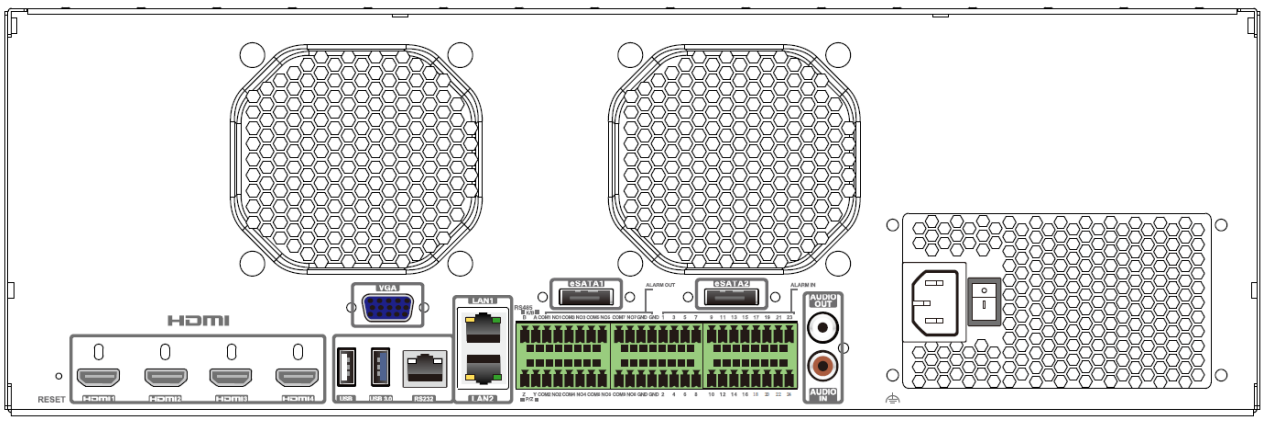
Specifications

Model		TD-33256H16-A3H-B
System	OS	Embedded Linux
Video	IP Video Input	256CH
	Network Bandwidth	Incoming: 768Mbps Outgoing: 768Mbps
	Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
	Output	HDMI1: 7680×4320@60, 7680×4320@30, 3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768 (When the resolution of HDMI1output is 8K, HDMI2 is unavailable) HDMI2: 3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768 HDMI3: 1920×1080, 1280×1024, 1024×768 HDMI4: 1920×1080, 1280×1024, 1024×768 VGA×1: 1920×1080, 1280×1024, 1024×768 (VGA and HDMI1 output the same video source)
	Multi-screen Display	Main output:1/4/6/8/9/13/16/25/32/36/64 AUX output 1:1/4/6/8/9/13/16/25/32/36 AUX output2:1/4/6/8/9/13/16 AUX output 3:1/4/6/8/9/13/16 Max. 132(64+36+16+16)
	Compression	H.264/H.265/H.265+/H.265S
Audio	Network input	256CH
	Local Input	RCA×1 (for two-way talk)
	Local Output	RCA×1
	HDMI Audio Output	Support
	Compression	G.711(U/A)
Record	Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
	Frame Rate	N:30fps；P:25fps
Playback	Simultaneous Playback	16CH
	Search	Time slice/time/event/tag/smart search
	Function	Play, pause, FF, Rewind, digital zoom, previous frame, next frame, etc.
Decoding Capability	Live View	1CH 16MP@30 / 4 CH 12MP(only available for main output)
	Playback	1CH 16MP@30 / 4CH 8MP(only available for main output)
Alarm	Mode	Manual, sensor, motion, exception, smart events, etc.
	Input	24CH
	Output	8CH
	Triggering	Record, snapshot, preset, e-mail, etc.
Face	Face Detection Performance (AI by IPC)	256CH
	Face Detection Performance (AI by Device)	4CH (4MP)
	Face Match Performance	16CH
	Comparison Capability	36 pictures/second
	Face Picture Database	32 libraries 10000 face pictures
	Face Picture Search	Search by picture is supported
	Database Management	Add, modify, delete and search face pictures
	Face Picture Adding	Add face pictures through APP, WEB and external import

*All pictures and specifications are for reference only and are subject to change without prior notice

	Face Picture Comparison	Supports successful face recognition alarm and stranger match alarm
	Track	Track display on a map
	Statistical Graph of Information	Bar graph
	Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period
Perimeter Protection	Human/Vehicle Classification (AI by IPC)	256CH
	Human/Vehicle Classification (AI by Device)	8CH (2MP)
Video Metadata	Human/Vehicle Attribute Analysis (AI by IPC)	Yes
Other Functions	Fisheye	Supports fisheye dewarping via NVR/Web Client/mobile APP
	Plate Recognition (AI by IPC)	Yes
Network	Protocol	TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, IPv4, UDP, WebSocket, PPPoE, SNMP, IGMP
	Interface	RJ45 10/100/1000Mbps ×2
	Client Connection	Max. 128 users access
Mobile Device	OS	iOS, Andriod
Storage	HDD Interface	SATA×16，max 10TB per HDD
	RAID Type	RAID0,1,5,6,10
	E-SATA Interface	2
Port	USB	USB3.0×1；USB2.0 ×3(Front:2)；
	RS485	Yes (full-duplex), connect to PTZ or keyboard
	RS232	Yes
	Reset	Yes
	Remote Controller	No
Others	Power	ATX-275W
	Consumption	≤50W (without HDD)
	Dimensions	437 ×483 ×143mm
	Certificate	CE,FCC
	Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , Directive 94/62/EC and REACH(EC1907/2006)
	Working Environment	-10~50°C; Humidity: 10%~90%

Rear Panel



*All pictures and specifications are for reference only and are subject to change without prior notice