TVT

Secure The World With You

NVR

128/256CH NVR

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



TD-35128H24-A3H

TD-35256H24-A3H

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

This series supports 128/256CH 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 128/256CH 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 128/256CH 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/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 Andriod OS

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

Specifications

Model		TD-35128H24-A3H	TD-35256H24-A3H
System	OS	Embedded Linux	
Video	IP Video Input	128	256
	Network Bandwidth	Incoming: 768Mbps; Outgoing: 768Mbps *When the AI function of the IPC is enabled, the actual incoming bandwidth (max.bitrate) is more than the set value in the NVR.	
	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	128	256
	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 (IPC high frame rate mode: N: 60fps; P: 50fps)	
Cloud Storage	Number of Channels	Up to 16CH	
	Record	Resolution: 1080P/720P	
		Frame Rate: 15fps	
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/ Playback	Non-AI mode (default mode): 1×16MP@30fps, 4×16MP@30fps, 9×6MP@30fps, 16×4MP@30fps, 36×720P@30fps, 64×D1@30fps (AI by NVR and face comparison not supported; cloud storage supported) AI mode: 1×16MP@30fps, 4×12MP@30fps, 9×5MP@30fps, 16×3MP@30fps, 36×720P@30fps, 64×D1@30fps (AI by NVR and face comparison supported; cloud storage not supported)	
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)	128CH	256CH
	Face Detection Performance (AI by Device)	PicSearch disabled: 4CH (2MP) or 4CH (4MP) or 2CH (8MP) or 1CH (16MP) PicSearch enabled: 2CH (2MP) or 2CH (4MP) or 2CH (8MP) or 1CH (16MP)	
	Face Match Performance	PicSearch disabled: 16CH PicSearch enabled: 8CH	
	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

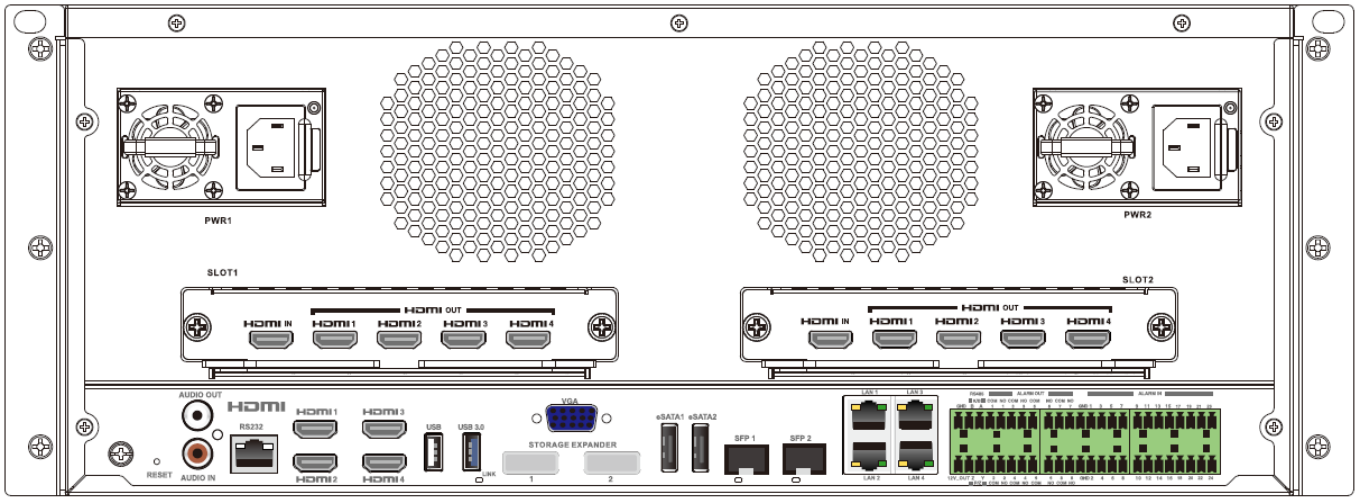
	Face Picture Comparison	Supports successful face recognition alarm and stranger match alarm	
	Track	Track display on a map	
	Statistical Graph of Information	Bar graph	
	Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period	
Perimeter Protection	Human/Vehicle Classification (AI by IPC)	128CH	256CH
	Human/Vehicle Classification (AI by Device)	PicSearch disabled: 8CH(2MP) or 4CH (4MP) or 2CH (8MP) or 1CH (16MP) PicSearch enabled: 4CH (2MP) or 4CH (4MP) or 2CH (8MP) or 1CH (16MP)	
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 (License plate database: up to 50,000 plate numbers)	
Network	Protocol	TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP	
	Client Connection	Max. 128 users access	
Mobile Device	OS	iOS, Android	
Storage	HDD Interface	SATA × 24，max 16TB per HDD	
	RAID Type	RAID0,1,5,6,10	
Port	Network Port	RJ45 10/100/1000Mbps × 4	
	SFP Interface	SFP × 2	
	Storage Expansion	Mini SAS × 2 (currently no function)	
	E-SATA Interface	2	
	USB	USB3.0× 1; USB2.0 × 3	
	RS485	Yes (full-duplex)	
	RS232	Yes	
	Reset	Yes	
	12V Output	Yes (1A)	
	Power Switch	Yes	
	Remote Controller	Optional	
Decoding Card (Optional)	HDMI Interface	One Decoding Card: 4 HDMI output, 1 HDMI input Two Decoding Cards: 8 HDMI output, 2 HDMI input	
	HDMI Output	HDMI1: 3840×2160@60, 3840×2160@30, 1920×1080 HDMI2: 3840×2160@60, 3840×2160@30, 1920×1080 HDMI3: 3840×2160@60, 3840×2160@30, 1920×1080 HDMI4: 1920×1080	
	HDMI Input	3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768 (HDMI Input only can be output to the monitor connected to the HDMI output interface of the same decoding card)	
	Multi-screen Display	HDMI1/HDMI2/HDMI3/HDMI4：1/4/6/8/9/13/16/25/32/36 144(36+36+36+36)	
	Decoding Capability	32×1080P@30fps (1×16MP@30fps per HDMI output)	
Others	Power	Single or redundant, AC100V~240V	
	Consumption	≤ 50W (without HDD)	
	Dimensions (mm)	483×515×175	
	Certificate	CE, FCC	
	Environmental Protection	RoHS, WEEE, REACH	
	Working Environment	-10~50℃; Humidity: 10%~90%	

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

Rear Panel

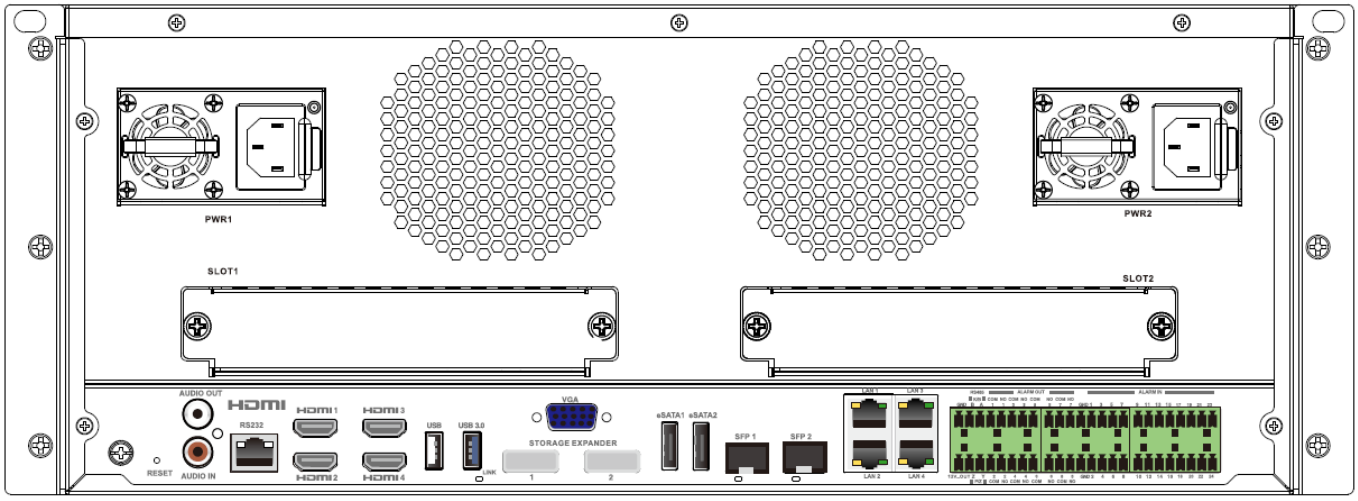
- **Default**

Redundant power supply+ Dual decoding cards



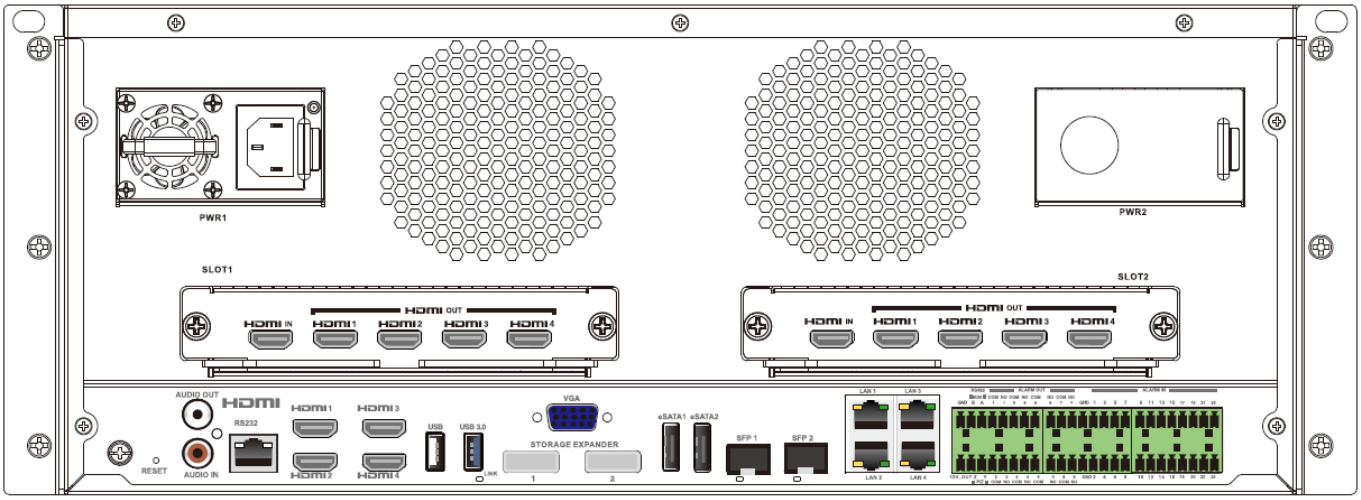
- **Optional**

Redundant power supply without decoding cards

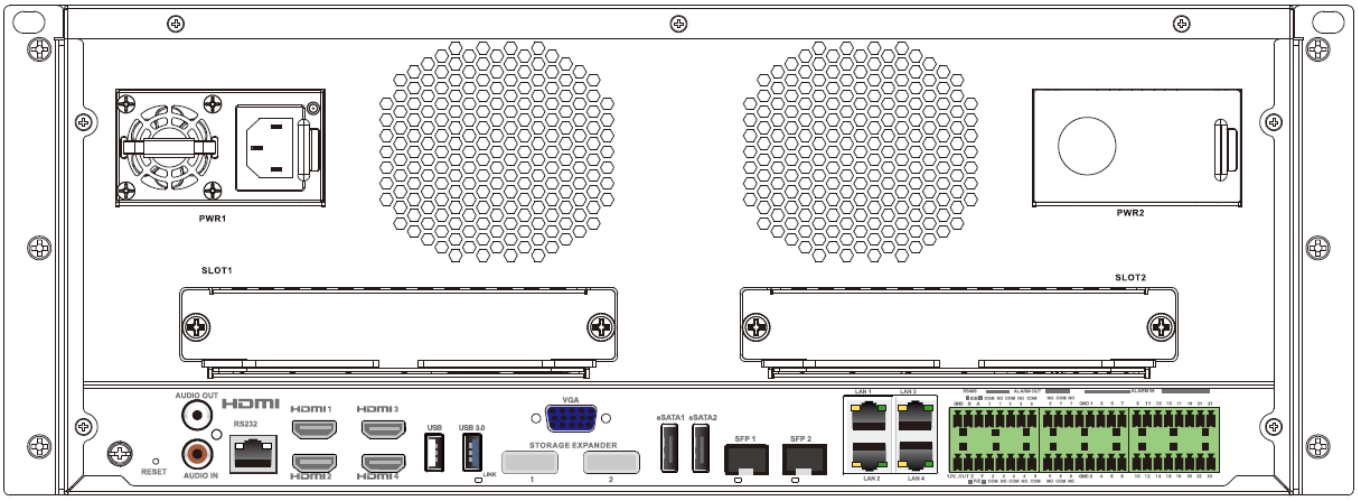


*All pictures and specifications are for reference only and are subject to change without prior notice

Single power supply + Dual decoding cards



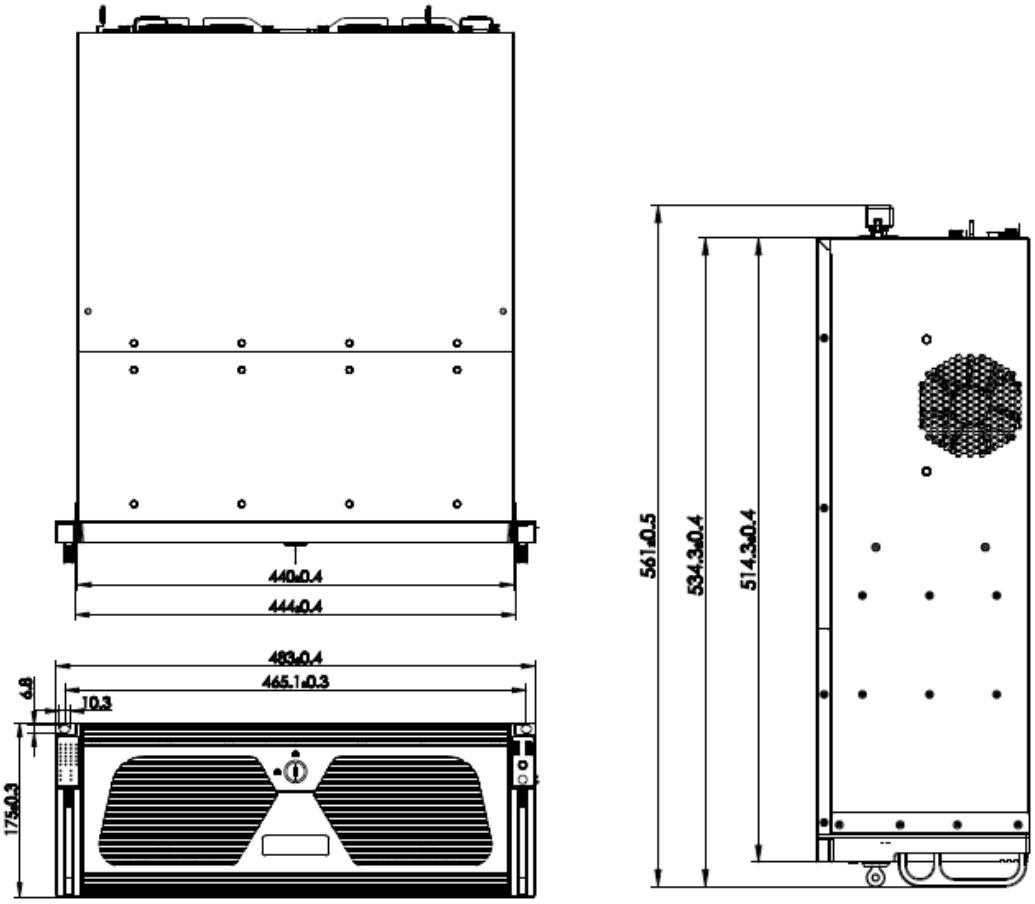
Single power supply without decoding cards



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

Dimensions

Unit: mm



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