TVT

Secure The World With You

HD CCTV
Over Coax

4K DISPLAY

4K Lite Record

4K Lite Playback

TD-2116TE-HP

TVT

TVT DIGITAL TECHNOLOGY CO., LTD.

TD-2116TE-HP

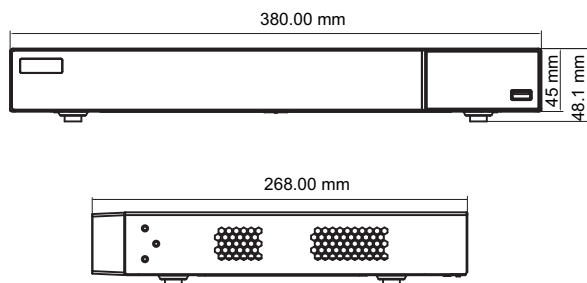| 4K	H.265	DDNS	Network	PTZ	Audio	MIC	Mobile	CMS	USB	Mouse	E-mail
HD	H.265	DDNS	Network	PTZ	Audio	MIC	Mobile	CMS	USB	Mouse	E-mail

Introduction

TD-2116TE-HP support 16 CH 8MP/5MP/4MP/3MP/1080P/720P/WD1 analog and IP video input simultaneously. It adopts the standard H.265 high profile compression format and the most advanced SOC technique to ensure real time recording in each channel and realize outstanding robustness of the system.
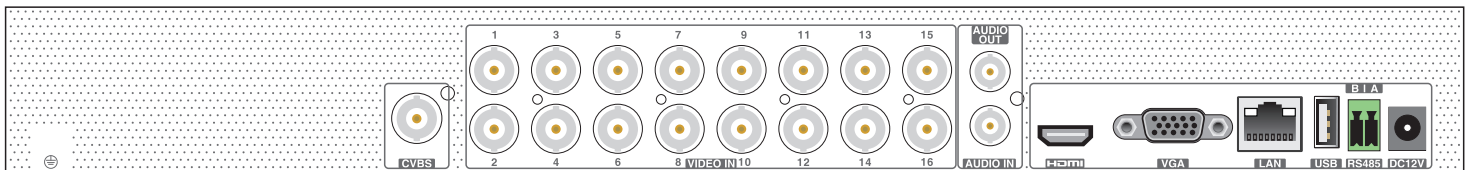
TD-2116TE-HP supports 16 CH video input, 1 CH audio input and simultaneous 16 CH playback. The product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

Characteristics

- Supports 16 CH TVI / AHD /CVI 8MP/5MP/4MP/3MP/1080P/720P/WD1 video input
- Supports 8 CH 8MP / 5MP / 4MP / 3MP / 1080P /720P/WD1 IP video input by default
- Standard H.265 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphics User Interface (GUI), window style operation by mouse
- Multi-mode recording: manual / timer / motion / smart event
- Playback : 16CH simultaneously playback
- Search: time slice, time, event (manual, motion), tag search
- Express and flexible backup via USB, network and so on
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Multi-user online simultaneously
- Authorization management, log review and device status review
- HDMI 4K output, true high resolution display
- Supports PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Supports NAT function and QRCode scanning by mobile phones and tablets
- Powerful mobile surveillance by smart phones with iOS and Andriod OS

Dimensions

380.00 mm

45 mm
48.1 mm

268.00 mm

Rear Panels

TD-2116TE-HP

Specification

Model		TD-2116TE-HP
System	OS	Embedded Linux
Video	Analog Video Input	BNC × 16
		BNC interface (1.0Vp-p; 75Ω)
		TVI/AHD/CVI：4K@15fps, 5MP@20fps, 4MP/3MP/1080P/720P/WD1@30fps (live)
	IP Video Input	8CH (up to16CH)
		Up to 8MP@30fps
	Total Input	24CH
	Output	HDMI × 1：3840 × 2160 / 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA × 1：1920 × 1080 / 1280 × 1024 / 1024 × 768 BNC × 1：CVBS (used as the main or spot output)
	Compression	H.264/H.265
Audio	Input	RCA × 1
	Output	RCA × 1 (linear, 600Ω)
	Two-way audio	Take up channel one audio input
	Compression	G.711(U/A)
Record	Resolution	4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1
	Frame Rate	Analog Channel: 4K@6/7fps (PAL/NTSC) 4K Lite@12fps/15fps (PAL/NTSC) 5MP@12fps (PAL / NTSC) 5MP Lite@20fps (PAL / NTSC) 4MP/3MP@12fps(PAL) / 15fps (NTSC) 4MP Lite/1080P/720P/WD1@25fps (PAL) / 30fps (NTSC) IP Channel: 25fps (PAL) / 30fps (NTSC)
	Bit Rate	32Kbps ~ 5Mbps
	Mode	Manual, timer, motion, smart event
Playback	Playback	16CH
	Search	Time slice / time / event / tag search
	Smart Search	Highlight colors to display the camera record in a certain period of time, different colors refer to different record events
	Function	Play, pause, FF, FB, digital zoom, etc.
Alarm	Mode	Manual, motion, exception, smart event
	Input	No
	Output	No
Network	Interface	RJ 45 1000Mbps × 1
	Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP
	Incoming Bandwidth	32Mbps (Max.64Mbps)
	Outgoing Bandwidth	96 Mbps
MobileDevice	OS	iOS, Andriod
Storage	HDD	SATA× 2, up to 8TB per HDD
Backup	Local Backup	U disk, USB mobile HDD
	Network Backup	Yes
Port	RS 485	Yes (half-duplex), connect to PTZ or keyboard
	USB	USB 2.0 × 2
	Remote Controller	Optional
Others	Power Supply	DC12V /4A
	Consumption	≤30W (without HDD)
	Dimensions(mm)	380 × 268 × 45 (W × D × H)
	Working Environment	-10~50°C, 10%~90% (humidity)