ASYTECH
think smart, choose smart

VT-2316HP
1080P PENTABRID DVR

series
VT

Digital Video Recorder
TVI ▪ AHD ▪ CVI ▪ CVBS ▪ IP

HD CCTV
Over Coax

1080P HD	**H.264** H.264	**DDNS** DDNS	2 x HDD
PTZ	Audio	MIC	ALARM

Key Features
- 16 CH TVI / AHD / CVI / CVBS video input
- 1080P / 1080P lite / 720P recording
- Support 4 CH IPC 3MP / 1080P / 960P / 720P recording
- Adopt standard H.264 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
- Playback : 16 CH 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, IE browse and CMS supported
- Remote control via IE 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 1080P output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QRCode scanning by mobile phone and PAD
- Powerful smart phone & Pad surveillance with iOS and Andriod OS

Specification

System	Compression	Standard H.264 High Profile
	CPU	Cortex A9
	OS	Embedded Linux
Video	Input	BNC x 16
	Resolution	TVI / AHD / CVI 1080P, 720P, WD1 real time
	IP Input / Access Bandwidth	IPC x 4 / 24Mbps
	Output	HDMI × 1 : 1920 × 1080, VGA × 1 : 1920 × 1080, BNC × 1 : CVBS (used as the main or spot output)
Audio	Input	RCA × 4
	Output	RCA × 1
	Two-way audio	Take up channel one audio input
Record	Resolution	1080P, 1080P lite, 720P, 720P lite, WD1
	Frame Rate	**1080P : 1~12fps (PAL / NTSC)** 200 fps (PAL) 240 fps (NTSC) **1080PLite / 720P / Wd1: 1~real time (PAL / NTSC)** 400 fps (PAL) 480 fps (NTSC)
	Bit Rate	768Kbps ~ 8 Mbps
	Mode	Manual, timer, motion, sensor
IP Input	Resolution	3MP / 1080P / 960P / 720P
	Frame Rate	25fps (PAL) 30fps (NTSC)
Playback	Playback	16 CH
	Search	Time slice / time / event / tag search
	Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
	Function	Play, pause, FF, FB, digital zoom, etc.
Alarm	Mode	Manual, sensor, motion, exception
	Input	4
	Output	1
	Triggering	Record, snap, preset, e-mail, etc.
Network	Interface	RJ45 10/100Mbps × 1
	Protocol	TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
	Web Client	Multiple users online
Mobile Device	OS	iOS, Andriod
Storage	HDD	SATA × 2, max. 6 T/HDD
Backup	Local Backup	U disk, USB removable HDD
	Network Backup	Yes
Port	RS485	Rs485 × 1, connect to PTZ or keyboard
	USB	USB 2.0 × 2 (one in the front panel and the other in the rear panel)
	Remote Cont.	Optional (Remote Controller)
Others	Power Supply	DC 12V
	Consumption	≤ 15W (without HDD)
	Dimensions	430x 300 x 55 (W x D x H) mm
	Work Temp.	Work Environment -10 ~ 50℃, 10% ~ 90% humidity

Design and specifications are subject to change without notice.

Dimensions

430 mm

45 mm
55 mm

300 mm

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First version V1-0117