# ASYTECH
think smart, choose smart

# VT-1304/08/16HL
1080P lite PENTABRID DVR

series
**VT**

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

**HD**CCTV
Over Coax

| | | |
|---|---|---|
| 1080 HD LITE | H.264 | DDNS |
| 1 x HDD | | |
| PTZ | Audio | MIC |
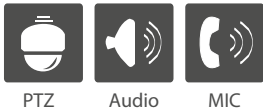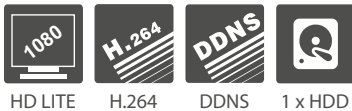
## Key Features

- 4/8/16 Ch. TVI/AHD/CVI/CVBS video input
- 4/8/16 Ch. 1080P lite/720P/WD1 recording
- 4 / 8 Ch. DVRs support 1 Ch. IPC 1080P/960P/720P recording
- 16 Ch. DVRs support 2 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 : 4/8/16 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 | | VT-1304HL | VT-1308HL | VT-1316HL |
|---|---|---|---|---|
| **System** | Compression | Standard H.264 High Profile | | |
| | CPU | Cortex A9 | | |
| | OS | Embedded Linux | | |
| **Video** | Input | BNC x 4 | BNC x 8 | BNC x 16 |
| | Resolution | TVI / AHD / CVI 1080P lite, 720P, WD1 real time | | |
| | IP Input / Access Bandwidth | IPC x  1 / 6Mbps | IPC x  1 / 6Mbps | IPC x  2 / 12Mbps |
| | Output | HDMI × 1 : 1920 × 1080, VGA × 1 : 1920 × 1080, BNC × 1 : CVBS ( used as the main or spot output ) | | |
| **Audio** | Input | RCA × 1 | | |
| | Output | RCA × 1 | | |
| | Two-way audio | Take up channel one audio input | | |
| **Record** | Resolution | 1080P lite, 720P, WD1 | 1080P lite, 720P, 720P lite, WD1 | |
| | Frame Rate | 100 fps (PAL) / 120 fps (NTSC) | **1080P lite/720P:** 100 fps (PAL) / 120 fps (NTSC) **720P lite / WD1:** 200 fps (PAL) / 240 fps (NTSC) | **1080P lite:** 200 fps (PAL / NTSC) **720P:** 200 fps (PAL) / 240 fps (NTSC) **720P lite / Wd1:** 400 fps (PAL) / 480 fps (NTSC) |
| | Bit Rate | 768Kbps ~ 4Mbps | | |
| | Mode | Manual, timer, motion | | |
| **IP Input** | Resolution | 1080P / 960P / 720P | | |
| | Frame Rate | 25fps ( PAL ) 30fps ( NTSC ) | 25fps ( PAL ) 30fps ( NTSC ) | 50fps ( PAL ) 60fps ( NTSC ) |
| **Playback** | Playback | 4 CH | 8 CH | 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, motion, exception | | |
| | Input | No | | |
| | Output | No | | |
| | 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 × 1, max. 6 T | | |
| **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 | ≤ 5W (without HDD) | | ≤ 10W (without HDD) |
| | Dimensions | 300 x 248 x 52 ( 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**

300 mm
45 mm
52.1 mm

248.4 mm

# ASYTECH

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