TVT

Secure The World With You

Hybrid DVR

# 16 CH Hybrid DVR




## TD-2116NS-HC-H

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

TD-2116NS-HC-H is a high definition DVR with ability to connect analog and IP cameras simultaneously, which adopts the standard H.265 high profile compression format and the advanced SOC technique to ensure real time recording in each channel and realize outstanding robustness of the system. TD-2116NS-HC-H supports 16 CH analog video input, 1 CH audio input and simultaneous 16 CH playback. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

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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 Fax: +86-755-33104777

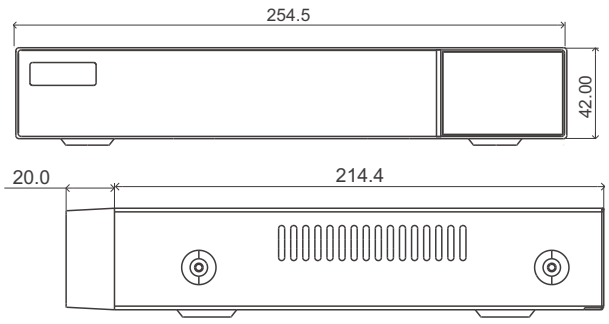
# TD-2116NS-HC-H

## 1080P Hybrid DVR

## Features

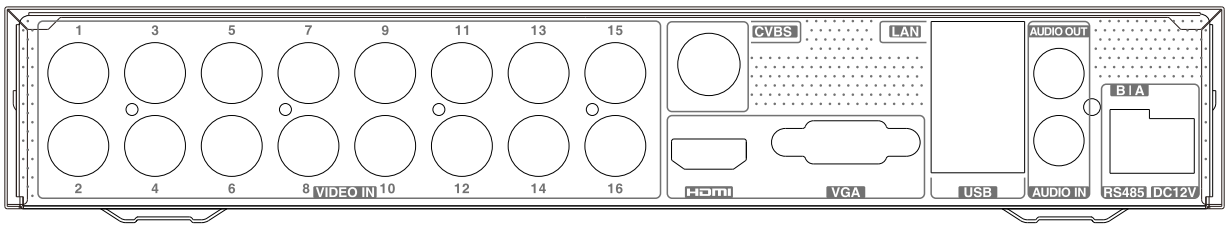
- Supports 16 CH TVI / AHD /CVI 5MP / 4MP / 1080P / 720P / WD1 video input
- Supports 8 CH 5MP / 4MP / 3MP / 1080P / 960P / 720P IP video input
- 8CH analog video input can be switched to 8CH IP video input
- Adopt standard H.265 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphics User Interface ( GUI ), window style operation by mouse
- Multi-mode recording: manual / timed / sensor /motion / AI recording
- Playback : 16 CH simultaneously playback
- Search: time slice, time, event, 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 or CMS : preview, playback, backup, PTZ and configuration
- Authorization management, log review and device status review
- Support 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 phones
- Powerful mobile surveillance by smart phones with iOS and Andriod OS

## Dimensions




## Rear Panel

**TD-2116NS-HC-H**






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

# TVT TD-2116NS-HC-H 1080P Hybrid DVR

## SPECIFICATIONS

| Model | | TD-2116NS-HC-H |
|---|---|---|
| System | OS | Embedded Linux |
| Video | Analog Video Input | BNC × 16 |
| | | BNC interface (1.0Vp-p; 75Ω) |
| | | |
| | IP Video Input | 8CH (up to 16CH) |
| | | |
| | Total Input | 24CH |
| | Output | HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768<br>VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768<br>BNC × 1 : CVBS ( used as the main or spot output ) |
| | Compression | H.264/H.265/H.265+ |
| | Multi-screen Display | 1 /4/6/8/9/13/16/25 |
| 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 | 5MP Lite/4MP Lite/1080P/1080P Lite/720P/WD1 |
| | Frame Rate | Analog Channel: 5MP Lite:10fps; 4MP Lite/1080P:12fps(PAL)/15fps(NTSC)<br>1080P Lite/720P/WD1/D1: 25fps (PAL)/30fps (NTSC)<br>IP Channel: 25fps (PAL)/30fps (NTSC) |
| | Bit Rate | 32Kbps ~ 5Mbps |
| | Mode | Manual, timer, motion, smart event |
| Playback | Playback | 16 CH |
| | 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 |
| AI Function | Smart Motion Detection Performance | 16CH |
| | Perimeter Protection Performance | 1CH |
| Network | Interface | RJ 45 100Mbps × 1 |
| | Protocol | TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP |
| | Incoming Bandwidth | 32Mbps (max. 64 Mbps) |
| | Outgoing Bandwidth | 80Mbps |
| | Client Connection | Max. 10 users access |
| Mobile Device | OS | iOS, Andriod |
| Storage | HDD | SATA × 1, up to 10TB |
| Backup | Local Backup | U disk, USB mobile HDD |
| | Network Backup | Yes |
| Port | RS 485 | RS 485 × 1 (half-duplex) |
| | USB | USB 2.0 × 2 ( in the rear panel ) |
| | Remote Controller | Optional |
| Others | Power Supply | DC12V / 3A |
| | Consumption | ≤10W(without HDD ) |
| | Dimensions(mm) | 255× 234× 42 ( W × D × H ) |
| | Working Environment | -10~50°C, 10%~90% (humidity) |
| | Certificate | CE, FCC |
| | Environmental Protection | Comply with Directive EU RoHS, WEEE, REACH |



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