

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



HD CCTV
Over Coax



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.

Key Features

- Supports 16 CH TVI / AHD / 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 Android OS

Specification

| | | |
|----------------------|-----------------------------|---|
| System | Compression | Standard H.265 High Profile |
| | CPU | Cortex A9 |
| | OS | Embedded Linux |
| Video | Input | BNC x 16 |
| | Resolution | TVI/AHD/CVI : 4K@15fps, 5MP@20fps, 4MP/3MP/1080P/720P/WD1@30fps |
| | IP Input / Access Bandwidth | IPC x 8 Up to 8MP@30fps incoming 64Mbbps / Outgoing 96Mbbps |
| | Output | HDMI x 1 : 3840 x 2160 / 1920 x 1080 / 1280 x 1024 / 1024 x 768 VGA x 1 : 1920 x 1080 / 1280 x 1024 / 1024 x 768 BNC x 1 : CVBS (used as the main or spot output) |
| Audio | Input | RCA x 1 |
| | Output | RCA x 1 |
| | Two-way audio | Take up channel one audio input |
| 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, sensor |
| IP Input | Resolution | 8MP |
| | Frame Rate | 25fps (PAL) 30fps (NTSC) |
| Playback | Playback | 16 CH |
| | Search | Manual, timer, motion, smart event |
| | 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 | NO |
| | Output | NO |
| | Triggering | Record, snap, preset, e-mail, etc. |
| Network | Interface | RJ45 10/100/1000Mbps x 1 |
| | Protocol | TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP |
| | Web Client | Multiple users online |
| Mobile Device | OS | iOS, Android |
| Storage | HDD | SATA x 2, max. 8 T/HDD |
| Backup | Local Backup | U disk, USB removable HDD |
| | Network Backup | Yes |
| Port | RS485 | Rs485 x 1, connect to PTZ or keyboard |
| | USB | USB 2.0 x 2 (one in the front panel and the other in the rear panel) |
| | Remote Cont. | Optional (Remote Controller) |
| Others | Power Supply | DC 12V/4A |
| | Consumption | ≤ 30W (without HDD) |
| | Dimensions | 380 x 268 x 45 (W x D x H) mm |
| | Work Temp. | Work Environment -10 ~ 50°C, 10% ~ 90% humidity |

Design and specifications are subject to change without notice.

Dimensions

