**OT-SA08/16-TVI**

**1080 HD TVI Hybrid DVR**

### Specification

#### System
- Compression: Standard H.264 High Profile
- CPU: Cortex A9
- OS: Embedded Linux
- Input: BNC x 8, BNC x 16
  - Support: 1080P@25/30fps, 720P@25/30/50/60fps, WD1/D1 input
- IP Input / Access Bandwidth: IPS x 4/24Mbps, IPS x 8/24Mbps
- Output: HDMI x 1, 1920 x 1080 / VGA x 1, 1920 x 1080

#### Video
- Resolution: 1080P: 1920 x 1080, 720P: 1280 x 720, WD1, D1
- Frame Rate: 1080P: 20fps (PAL), 400 fps (PAL), 240 fps (NTSC), 480 fps (NTSC)
- Bit Rate: 1M - 4 Mbps
- Encode: VBR / CBR
- Quality: 6 Level
- Mode: Manual, timer, motion
- File Manager: Lock, unlock, reserving time

#### Audio
- Input: RCA x 1
- Output: RCA x 1
- 2-way audio
- Take up channel one audio input

#### Record
- Resolution: T20P: 30fps, 1080P: 100 fps (PAL), 120 fps (NTSC), 200 fps (PAL), 240 fps (NTSC)
- Bit Rate: 1M - 4 Mbps
- Encode: VBR / CBR
- Quality: 6 Level
- Mode: Manual, timer, motion
- File Manager: Lock, unlock, reserving time

#### IP Input
- Resolution: 3MP/1080P/960P/720P: WD1/D1
- Frame Rate: 3MP: 50fps (PAL), 60 fps (NTSC), 100 fps (PAL), 120 fps (NTSC), 200 fps (PAL), 240 fps (NTSC)

#### Playback
- Playback: 8 CH
- Search: Time / calendar search, event (motion)
- Smart Search: Highlighted date and time to display the channel record
- Function: Play, Pause, FF, FB, Digital zoom

#### Alarm
- Mode: Motion, video loss
- Input: No
- Output: No
- Triggering: Record, PTZ move, e-mail, etc.

#### Network
- Interface: RJ45 10M/100M adaptive ethernet network port x 1
- Protocol: TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS
- Others: 10 users online, dualstream

#### Cell phone
- OS: Android
- Function: Multi-screen surveillance (for certain model), record, snapshot, PTZ control, save the device list

#### I/O
- HDD: SATA x 2
- RS485: RS485 1, connect to PTZ or
- USB: USB 2.0 x 2, one for mouse and another for USB backup device
- IR controller: Optional
- Power supply: DC 12V
- Consumption: < 14W (without HDD), < 20W (without HDD)
- Dimensions: 430 mm * 380 mm * 85 mm W * D * H
- Work Environment: 10 50 10 90

### Introduction

OT-SA0816-TVI series are standard 8 / 16 CH 1080P high resolution hybrid DVRs with ability to connect analog and IP cameras simultaneously, which adopt the standard H.264 high profile compression format and the most advanced SOC technique to ensure recording in each channel and realize outstanding robustness of the system. OTSA-0816-TVI supports 8 / 16 CH video input, 1 CH audio input, simultaneous 8 CH playback. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

### Characteristics
- 8 / 16 CH HD TVI video input, 1080P / 720P / WD1 / D1 recording
- OT-S8A0816-TVI supports 4 / 8 CH IP camera 3MP/1080P/960P/720P/D1/D11 recording
- Adopt standard H.264 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Multi-mode recording: manual / timer / motion
- Playback: 8 CH simultaneously playback
- Search: time / calendar, events (motion)
- Express and flexible backup via USB, network
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPOE Network protocol, IE browser and CMS supported
- Remote control via IE or CMS: preview, playback, backup, PTZ and configuration
- Dual stream technology to encode recording stream and network stream respectively, user can adjust network stream to fit bandwidth without changing recording quality
- 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 128 presets and 8 cruises
- Powerful smart phone surveillance supporting iPhone, Andriod
- Support NAT function, support QR code scanning by mobile phone
- Complete SDK software available, easy to integrate with other applications

### Dimensions

![Dimensions Diagram](image-url)