

## ADR8500TVI Series DVR



### Introduction:

ADR8500TVI series DVR (Digital Video Recorder) is a new generation recorder which can connect HD analog/network cameras and Coaxitron cameras and provide powerful surveillance. Combined with multiple advanced technologies, such as audio and video encoding & decoding technology, embedded system technology, storage technology, network technology and intelligent technology. It can both work alone as a recorder and cooperate with other devices to build a comprehensive surveillance system.

The ADR8500TVI series DVR are widely applied in the areas of finance, public security, military, communication, transportation, education, etc..

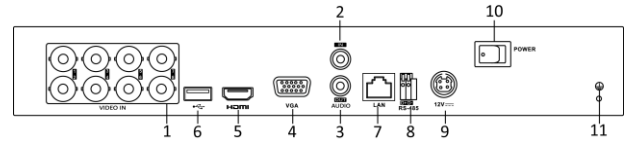
### Available Models:

ADR8504TVI, ADR8508TVI and ADR8532TVI

### Main Features:

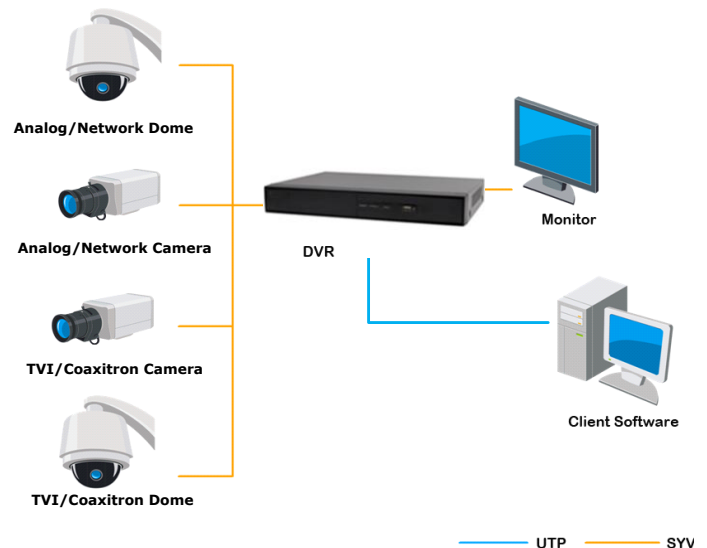
- Connectable to HD-TVI and analog cameras;
- Connectable to the Coaxitron camera with long transmission distance;
- Connectable to network cameras;
- Simultaneous HDMI and VGA outputs at up to 1920×1080P resolution.
- New GUI and support starting record with one key;
- Redundant recording and holiday recording;
- Instant playback for assigned camera during multi-channel live view mode;
- Support up to 16-ch synchronous playback at 1080P resolution; and reverse playback for multi-camera;
- Smart playback to go through less effective information;
- Manual video quality diagnostics;
- Customization of tags, searching and playing back by tags;
- Locking and unlocking record files;
- Support HDD quota and group management; different capacity can be assigned to different cameras under quota mode;
- Provide up to 2 SATA interfaces for recording;
- Up to 1 self-adaptive 10M/100M/1000M network interface for DS-7216HGHI-SH and 1 self-adaptive 10M/100M network interface for other models;
- Support access by EZVIZ Cloud P2P;
- Support Hikvision DDNS (Dynamic Domain Name System);
- Network detection function.

### Physical Interfaces:



| Index | Name                     |
|-------|--------------------------|
| 1     | VIDEO IN                 |
| 2     | AUDIO IN, RCA Connector  |
| 3     | AUDIO OUT, RCA Connector |
| 4     | VGA Interface            |
| 5     | HDMI Interface           |
| 6     | USB Port                 |
| 7     | LAN Network Interface    |
| 8     | RS-485 Serial Interface  |
| 9     | 12VDC Power Input        |
| 10    | Power Switch             |
| 11    | GND                      |

### Typical Application:



## Specifications:

| Model                          |   | ADR8504TVI   | ADR8508TVI | ADR8516TVI   |
|--------------------------------|---|--|------------|--|
| Video/Audio input              | Video compression                                   | H.264  |            |  |
|                                | Analog and HD-TVI video input                       | 4-ch   | 8-ch       | 16-ch  |
|                                |   | BNC interface (1.0Vp-p, 75 Ω)  |            |  |
|                                | Supported camera types                              | 720P/25, 720P/30, 720P/50, 720P/60, 1080P/25, 1080P/30, CVBS                                     |            |  |
|                                | IP video input                                      | 1-ch   | 2-ch       | 2-ch   |
|                                |   | Up to 2.0MP resolution   |            |  |
|                                | Audio compression                                   | G.711u   |            |  |
| Audio input / Two-way audio in | 1-ch, RCA (2.0 Vp-p, 1 KΩ)                          |  |            |  |
| Video/Audio output             | HDMI / VGA output                                   | 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz                 |            |  |
|                                | Encoding resolution                                 | Main stream: 1080P(non-real-time) / 720P / VGA / WD1 / 4CIF / CIF                                |            |  |
|                                |   | Sub-stream: WD1(non-real-time) / 4CIF(non-real-time) / CIF / QCIF / QVGA                         |            |  |
|                                | Frame rate  | Main stream: 1/16 fps ~ Real time frame rate   |            |  |
|                                |   | Sub-stream: 1/16 fps ~ Real time frame rate  |            |  |
|                                | Video bitrate                                       | 32 Kbps-6 Mbps   |            |  |
|                                | Audio output  | 1-ch, RCA (Linear, 1KΩ)  |            |  |
|                                | Audio bitrate                                       | 64 Kbps  |            |  |
|                                | Dual-stream   | Support  |            |  |
|                                | Stream type   | Video, Video & Audio   |            |  |
| Synchronous playback           | 4-ch  | 8-ch   | 16-ch      |  |
| Playback resolution            | 1080P / 720P / VGA / WD1 / 4CIF / CIF / QVGA / QCIF |  |            |  |
| Network management             | Remote connections                                  | 128  |            |  |
|                                | Network protocols                                   | TCP/IP, PPPoE, DHCP, EZVIZ Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS |            |  |
| Hard disk                      | SATA  | 1 SATA interface   |            | 2 SATA interfaces                                      |
|                                | Capacity  | Up to 6TB capacity for each disk   |            |  |
| External interface             | Network interface                                   | 1; 10M / 100M self-adaptive Ethernet interface   |            | 1; 10M / 100M / 1000M self-adaptive Ethernet interface |
|                                | Serial interface                                    | 1; standard RS-485 serial interface, half-duplex   |            |  |
|                                | USB port  | 2 × USB2.0   |            |  |
| General                        | Power supply  | 12V DC   |            |  |
|                                | Consumption (without hard disks)                    | ≤ 15W  | ≤ 20W      | ≤ 30W  |
|                                | Working temperature                                 | -10 °C ~+55 °C (14 °F ~ 131 °F)  |            |  |
|                                | Working humidity                                    | 10% ~ 90%  |            |  |
|                                | Chassis   | 1U chassis   |            | 380mm 1U chassis                                       |
|                                | Dimensions (W × D × H)                              | 315 × 242 × 45mm (12.4 × 9.5 × 1.8 inch)   |            | 380 × 290 × 48mm (15.0 × 11.4 × 1.9 inch)              |
|                                | Weight (without hard disks)                         | ≤ 1.5Kg (3.3lb)  |            | ≤ 2Kg (4.4lb)  |