

# SN-ADR3608E1

5MP 8CH 1HDD Hybrid DVR



- H.265 video compression
- Supports AHD/TVI/CVI/CVBS/IP video inputs
- VGA, HD-OUT video output up to 4K
- Smart search / playback
- Response Time  $\leq 0.2s$
- Easy to use same Interface of GUI/WEB/Client
- Support more than languages
- Perfect protection circuit, unique triple watchdog function

## System Overview

Sunell Eco series hybrid DVR are 4 / 8 / 16 CH 5MP high definition 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 real time recording in each channel and realize outstanding robustness of the system. This series DVR is supports 4 / 8 / 16 CH video inputs, 1 / 1 / 1 CH audio input, and simultaneous 4 / 8 / 16 CH playback. This series is ideal for a wide range of applications such as home safety, grocery, warehouse, education, and financial institutions.

## Functions

### AHD/TVI/CVI/CVBS Auto-detect

The DVR can auto recognize the signal of front-camera without any setting. It makes operation more friendly and convenient.

### Coaxial Audio/Upgrade/Alarm

The integrated design can reduce wiring troubles which makes it much more cost-effective and convenient for installation.

### HD Camera Input

The DVR supports up to 4K HDVI camera and 1080P IP camera input.

### Smart Search

This function helps you get more motion detect video during a short time through drawing a region when playback. It is very useful when an emergency occurs.

### P2P

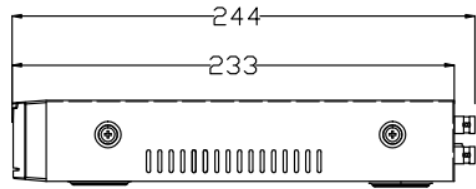
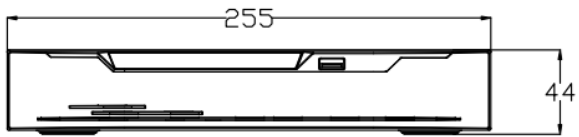
Monitor at anytime and anywhere.  
Easily and conveniently manage the device.

# Technical Specification

| System                    |  |
|---------------------------|--|
| Main Processor            | Embedded processor   |
| Operating System          | Embedded LINUX   |
| Video and Audio           |  |
| Analog Camera Input       | 8ch BNC  |
| AHD Camera                | 4K/5MP/4MP/3MP/1080P720P @25/30fps   |
| TVI Camera                | 4K/5MP/4MP/3MP/1080P720P @25/30fps   |
| CVI Camera                | 4K/5MP/4MP/3MP/1080P720P @25/30fps   |
| CVBS Camera               | PAL/NTSC   |
| IP Camera Input           | 8ch, each channel up to 1080P  |
| Audio In/Out              | 4ch input, 1ch output, RCA   |
| Two-way Talk              | N/A  |
| Display                   |  |
| Interface                 | 1ch HD-OUT, 1ch VGA  |
| Resolution                | HD-OUT: 3840x2160, 1920x1080, 1280x1024, 1440x900<br>VGA: 1920x1080, 1280x1024, 1440x900 |
| Multi-screen Display      | 1/4/8  |
| Recording                 |  |
| Compression               | H.265/H.264  |
| Resolution                | 4K, 5MP, 4MP, 1080P, 720P, 960H, D1, CIF   |
| Record Rate               | 4K@7fps, 5MP@15fps, 1080P @30fps   |
| Bit Rate                  | 128Kbps~6144Kbps   |
| Record Mode               | Manual, Event, Timer   |
| Record Interval           | Post-record: 30 ~ 60 sec   |
| Video Detection and Alarm |  |
| Trigger Events            | Recording, Buzzer, Push message, Pop up message  |
| Video Detection           | Motion Detection, Video Loss, Camera Tamper  |
| Alarm input               | N/A  |

| Network               |  |
|-----------------------|--|
| Interface             | 1 RJ-45 port (10/100Mbps)  |
| Network Function      | HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP |
| Max. User Access      | Access 4 users   |
| Smart Phone           | iPhone, iPad, Android  |
| Interoperability      | ONVIF, SDK, CGI  |
| Playback and Backup   |  |
| Playback              | 8/4/1  |
| Search Mode           | Time /Date, Alarm, Picture grid, Event   |
| Playback Function     | Play, Pause, Stop, Next Frame, Fast play, Slow Play, Layout, Shuffle, Backup Selection, Digital Zoom |
| Backup Mode           | USB HDD  |
| Storage               |  |
| Internal HDD          | 1 SATA Ports, up to 8TB for each HDD   |
| Mounting Mode         | Embedded   |
| eSATA                 | N/A  |
| Interface             |  |
| USB                   | 2 ports (USB 2.0 x2)   |
| RS232                 | N/A  |
| RS485                 | 1 Port, for PTZ Control  |
| General               |  |
| Power Supply          | DC12V/2A   |
| Power Consumption     | Max 10W (without HDD)  |
| Operating Temperature | -10 °C ~ 50 °C (14 °F ~ 122 °F)  |
| Storage Conditions    | Less than 90% RH   |
| Certifications        | CE/FCC   |
| Dimensions            | 255mm(L)x244mm(W)x44mm(H)  |
| Net Weight            | 1Kg  |

## Dimensions(mm)



## Rear Panel