

# SN-ADR2304E1

4MP 4CH 1HDD Hybrid DVR



- Supports AHD/TVI/CVI/CVBS/IP video inputs
- Supports VGA, HD-OUT, CVBS output
- Easy to use Same Interface of GUI/WEB/Client
- Support various mobile monitoring: (IOS, Android)
- Support more than languages
- Perfect protection circuit, unique triple watchdog function
- Supporting web, IMS, provide SDK development

## System Overview

Sunell Eco series hybrid DVR are 4 / 8 / 16 CH 4MP 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 support 4 / 8 / 16 CH video input, 1 / 1 / 1 CH audio input, 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.

### 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.

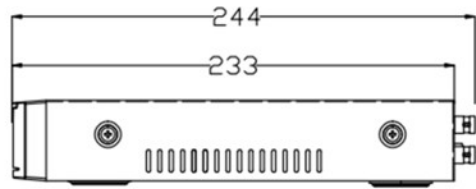
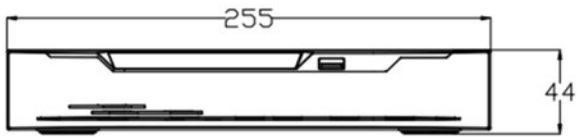
Easily and conveniently manage the device.

# Technical Specification

System	
Main Processor	Embedded processor
Operating System	Embedded LINUX
Video and Audio	
Analog Camera Input	4ch BNC
AHD Camera	4MP / 3MP / 1080P / 720P @25/30fps
TVI Camera	1080P / 720P @25/30fps
CVI Camera	1080P / 720P @25/30fps
CVBS Camera	PAL/NTSC
IP Camera Input	4ch, each channel up to 4MP
Audio In/Out	4ch input, 1ch output, RCA
Two-way Talk	N/A
Display	
Interface	1ch HD-OUT, 1ch VGA, 1ch CVBS
Resolution	HD-OUT: 1920x1080, 1280x1024, 1440x900 VGA: 1920x1080, 1280x1024, 1440x900
Multi-screen Display	1/4
Recording	
Compression	H.264 High Profile
Resolution	4MP/3MP/1080P/720P/960H &etc.
Record Rate	4MP@8fps, 3MP@10fps, 1080P@15fps, 720P @25fps
Bit Rate	1Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Event, Timer
Record Interval	Post-record: 5 ~ 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, TCP/IP, UDP, NTP, DHCP, DNS, IP Filter, DDNS,
Max. User Access	Access 5 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.6, SDK
Playback and Backup	
Playback	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 6TB 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 5W (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	900g

## Dimensions(mm)



## Rear Panel