

# SN-ADR3116E1

1080N 16CH 1HDD Hybrid DVR



- H.265 video compression
- Supports AHD/TVI/CVI/CVBS/IP video inputs
- Supports VGA, HD-OUT output
- 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 Easy series hybrid DVR are 8 / 16 CH 1080N 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 8 / 16 CH video inputs, 1 / 1 / 1 CH audio input, simultaneous 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	16 Channel BNC
AHD Camera	1080N / 720P / 960H @25/30fps
TVI Camera	1080N / 720P / 960H @25/30fps
CVI Camera	1080N / 720P / 960H @25/30fps
CVBS Camera	PAL/NTSC
IP Camera Input	16ch, each channel up to 1080P
Audio In/Out	2ch input, 1ch output, RCA
Two-way Talk	N/A
Display	
Interface	1 HD-OUT, 1 VGA
Resolution	HD-OUT: 1920x1080, 1280x1024, 1440x900 VGA: 1920x1080, 1280x1024, 1440x900
Multi-screen Display	1/4/9/16
Recording	
Compression	H.265/H.264
Resolution	1080N, 720P, 960H, D1
Record Rate	1080N@15fps
Bit Rate	16Kbps ~ 4096Kbps Per Channel
Record Mode	Manual, Event, Timer
Record Interval	Post-record: 30 ~ 60s
Video Detection and Alarm	
Trigger Events	Recording, Buzzer, Push message, Pop up message
Video Detection	Motion Detection, Video Loss, Camera Tamper
Alarm in/out	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	16/9/4/1
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	0 °C ~ 50 °C (32 °F ~ 122 °F)
Storage Conditions	Less than 90% RH
Certifications	CE/FCC
Dimensions	255mm(L)x244mm(W)x44mm(H)
Net Weight	1Kg

## Dimensions(mm)

