

## Product Highlights

### Auto-detect

The DVR can auto recognize the signal of front-camera without any setting.

### Smart Search

This function helps you get more motion detect video during a short time through drawing a region when playback.

### P2P

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



## DVR-F5104

# 5MP 4CH 1HDD Hybrid DVR

## Features

- Supports AHD/TVI/CVI/CVBS/IP video inputs
- Supports VGA, HD-OUT 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

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 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.

**Technical Specifications**

System		Network	
Main Processor	• Embedded processor	Interface	• 1 RJ-45 port (10M/100M/1000Mbps)
Operating System	• Embedded LINUX	Network Function	• HTTP, TCP/IP, UDP, NTP, DHCP, DNS, IP Filter, DDNS,
<b>Video and Audio</b>		Max. User Access	• Access 5 users
Analog Camera Input	• 4ch BNC	Smart Phone	• iPhone, iPad, Android
AHD Camera	• 5MP / 4MP / 3MP / 1080P / 720P @25/30fps	Interoperability	• ONVIF 2.6, SDK
TVI Camera	• 1080P / 720P @25/30fps	<b>Playback and Backup</b>	
CVI Camera	• 1080P / 720P @25/30fps	Playback	• 4/1
CVBS Camera	• PAL/NTSC	Search Mode	• Time /Date, Alarm, Picture grid, Event
IP Camera Input	• 4ch, each channel up to 5MP	Playback Function	• Play, Pause, Stop, Next Frame, Fast play, Slow Play, Layout, Shuffle, Backup Selection, Digital Zoom
Audio In/Out	• 4ch input, 1ch output, RCA	Backup Mode	• USB HDD
Two-way Talk	• N/A	<b>Storage</b>	
<b>Display</b>		Internal HDD	• Internal HDD
Interface	• 1ch HD-OUT, 1ch VGA	Mounting Mode	• Embedded
Resolution	• HD-OUT: 1920×1080, 1280×1024, 1440×900 VGA: 1920×1080, 1280×1024, 1440×900	eSATA	• N/A
Multi-screen Display	• 1/4	<b>Interface</b>	
<b>Recording</b>		USB	• 2 ports (USB 2.0 x2)
Compression	• H.264 High Profile	RS232	• N/A
Resolution	• 5MP/4MP/3MP/1080P/720P/960H &etc.	RS485	• 1 Port, for PTZ Control
Record Rate	• 5MP@11fps, 4MP@15fps, 3MP@18fps, 1080P/720P @25/30fps	<b>General</b>	
Bit Rate	• 1Kbps ~ 6144Kbps Per Channel	Power Supply	• DC12V/2A
Record Mode	• Manual, Event, Timer	Power Consumption	• Max 5W (without HDD)
Record Interval	• Post-record: 5 ~ 60 sec	Operating Temperature	• -10 °C ~ 45 °C (14 °F ~ 113 °F)
<b>Video Detection and Alarm</b>		Storage Conditions	• Less than 90% RH
Backup Mode	• USB Device	Certifications	• CE/FCC
Trigger Events	• Recording, Buzzer, Push message, Pop up message.	Dimensions	• 255mm(L)x244mm(W)x44mm(H)
Video Detection	• Motion Detection, Video Loss, Camera Tamper	Net Weight	• 900g

**DVR-F5104**  
**5MP 4CH 1HDD Hybrid DVR**

**Dimensions (mm)**

