

# A-HD 1080P HYBRID DVR SYSTEM

# FD SERIES

## 8 Channels



Detects **ANALOG / 960H / A-HD / IP CAMERA**  
AUTOMATICALLY

- REAL-TIME Live / 720p or 1080p Recording & Playback
- H.264 / Dual Streaming
- RS-485 for PTZ control / Free DDNS Support



REAR PANEL

### FEATURES

- 8 CH A-HD Video Input, 8 CH 1080P / 720P Recording
- Supports 4 CH IPC 3MP / 1080P / 960P / 720P / WD1 / D1 recording
- Adopt standard H.264 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphic User Interface ( GUI ), Windows style operation by mouse
- Multi-mode recording: manual / timer / motion / sensor
- Playback: 8 CH simultaneously playback
- Search: time / calendar, events ( sensor, motion )
- Express and flexible backup via USB, network
- Pentaplex : preview, record, playback, backup & remote access
- DHCP, DDNS, PPPoE Network protocol, IE browse & CMS supported
- Remote control via IE or CMS: preview, playback, backup, PTZ and configuration
- Dual stream technology to encode recording stream and network stream respectively. User can adjust network stream to fit bandwidth without changing recording quality
- Multi-user online simultaneously
- Authorization management, log review and device status review
- HDMI 1080P output, true high resolution display
- Support PTZ preset & auto cruise, up to 128 presets & 8 cruises
- Powerful smart phone surveillance supporting iPhone, Android
- Support NAT function, support QR code scanning by mobile phone

SYSTEM	
Compression	Standard H.264 High Profile
CPU	Cortex A9
OS	Embedded Linux
VIDEO	
Input	BNC x 8
IP Input/Access Bandwidth	IPC x 4 / 24Mbps
Output	HDMI x 1 : 1920 x 1080 / VGA x 1 : 1920 x 1080 BNC x 1 : used as CVBS output only
AUDIO	
Input / Output	RCA x 4 / RCA x 1
2-way audio	Take up channel one audio input
RECORD	
Resolution	1080P : 1920 x 1080, 720P : 1280 x 720
Frame Rate	720P: 100 fps ( PAL ) 120 fps ( NTSC ) 1080P: 50 fps ( PAL ) 60 fps ( NTSC )
Bit Rate	1 M ~ 4 Mbps
Encode	VBR / CBR
Quality	6 Level
Mode	Manual, Timer, Motion, Sensor
File Manager	Lock, unlock, reserving time
IP INPUT	
Resolution	3MP / 1080P / 960P / 720P / WD1 / D1
Frame Rate	3MP: 50 fps (PAL) 60 fps (NTSC) 1080P: 100 fps (PAL) 120 fps (NTSC), 960P/720P: 100 fps (PAL) 120 fps (NTSC)
PLAYBACK	
Playback	8 CH
Search	Time / calendar search, event ( motion )
Smart Search	Highlighted date and time to display the channel record
Function	Play, Pause, FF, FB, Digital zoom
ALARM	
Mode	Sensor, Motion, Video Loss
Input / Output	4 CH / 1 CH
Triggering	Record, PTZ move, alarm out, e-mail, etc
NETWORK	
Interface	RJ45 10M/100M/1000M adaptive ethernet network port x 1
Protocol	TCP / IP, UDP, DHCP, DNS, PPPoE, DDNS
Others	10 users online, dual stream
CELLPHONE	
OS	iPhone, Android
Function	Multi-screen surveillance, record, snapshot, PTZ control, save the device list
I/O	
HDD	SATA x 1
RS485	RS485 x 1, connect to PTZ or keyboard
USB	USB 2.0 x 2, one for mouse, another for USB backup device
OTHERS	
Power Supply	DC 12V
Consumption	< 8W ( without HDD )
Dimensions	255 mm x 210 mm x 42 mm (W x D x H)
Work Environment	-10 ~ 50 °C =, 10% ~ 90% Humidity



**SMART  
PHONE  
COMPATIBLE**



**SUPER LIVE PRO**



**SUPER LIVE HD**