FD Series DVR detects Analog / 960H / A-HD camera automatically.REAL-TIME Live / 720p or 1080p Recording and Playback • H.264 • iPhone Android App : SuperLive PLUS • RS-485 for PTZ control • Free DDNS Support

Overview

AVST FD series are standard 8 CH 1080P high resolution hybrid 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 recording in each channel and realize outstanding robustness of the system. It support 4 CH video input, 1 CH audio input, simultaneous 8 CH playback. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

FEATURES

- 8 CH A-HD Video Input, 8 CH 1080P / 720P Recording
- 8 CH DVR 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 and remote access
- DHCP, DDNS, PPPoE Network protocol, IE browse and 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 and auto cruise, up to 128 presets and 8 cruises
- Powerful smart phone surveillance supporting iPhone, Android
- Support NAT function, support QR code scanning by mobile phone

SPECIFICATIONS

SYSTEM	
Compression	Standard H.264 High Profile
CPU	Cortex A9
OS	Embedded Linux
VIDEO	
Input	BNC × 8
IP Input/Access Bandwidth	IPC × 4 / 24Mbps
Ouput	HDMI × 1 : 1920 × 1080 / VGA × 1 : 1920 × 1080 BNC × 1 : used as CVBS output only
AUDIO	

Input	RCA × 4
Output	RCA × 1
2-way audio	Take up channel one audio input
RECORD	
Resolution	1080P : 1920 × 1080, 720P:1280 × 720
Frame Rate	720P: 200 fps (PAL) 240 fps (NTSC) 1080P: 100 fps (PAL) 120 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	4 CH
Output	1 CH
Triggering	Record, PTZ move, alarm out, e-mail, etc
NETWORK	
Interface	RJ45 10M/100M/1000M adaptive ethernet network port × 1
Protocol	TCP / IP, UDP, DHCP, DNS, PPPOE, DDNS
Others	10 users online, dual stream
CELLPHONE	

OS	iPhone, Andriod
Function	Multi-screen surveillance (for certain model) , record, snapshot, PTZ control, save the device list
I/O	
HDD	SATA × 1
RS485	RS485 × 1, connect to PTZ or keyboard
USB	USB 2.0 × 2, one for mouse, another for USB backup device
Power Supply	DC 12V
Consumption	< 8W (without HDD)
Dimensions	255 mm × 210 mm × 42 mm (W x D x H)
Work Environment	14°F ~ 122°F(−10°C ~ 50°C), 10% ~ 90% Humidity