SF-XVR8432A-HU-SMD

SF-XVR8104A-HU-SMD

HU SMD RANGE: with intelligent motion detection

The HU SMD range of recorders inherits all the functionalities of Safire's HU range but including Smart Motion Detection technology. As a result, these recorders support the classification of humans and vehicles, distinguishing them from other types of moving objects, thereby reducing false alarms in an installation.

- XVR analog recorder 8 series

- 4CH HDTVI/HDCVI/AHD/CVBS/ 4+2 IP

- Maximum resolution 4K (6FPS) / Alarms

- HDMI 4K and VGA / 1 HDD output

- Human- and vehicle-based AI

4CH   5N1   4K   HDMI 4K

Technical Specification

System

OS	Embedded Linux

Video

Analog Video Input	BNC × 4 BNC interface (1.0Vp-p; 75ӣ) TVI/AHD/CVI : 4K@15fps, 5MP@20fps, 4MP/3MP/1080P/720P/WD1@30fps (live)
IP Video Input	2CH (up to 6CH) Up to 8MP@20fps; lower than 8MP@30fps
Total Input	6CH
Output	HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024 VGA × 1 : 1920 × 1080 / 1280 × 1024 BNC × 1 : CVBS (used as the main or spot output)
Compression	H.264/H.265/H.265+
Multi-screen Display	1/4/6/9

Audio

Input	RCA × 4
Output	RCA × 1 (linear, 600ӣ)
Two-way audio	Take up channel one audio input
Compression	G.711(U/A)

Record

Resolution	4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1
Frame Rate	Analog Channel: 4K@8fps (PAL/NTSC); 4K Lite@12fps/15fps (PAL/NTSC); 5MP@12fps (PAL / NTSC); 5MP Lite@20fps (PAL/NTSC); 4MP/3MP@12fps / 15fps (PAL / NTSC);4MP Lite/1080P/720P/WD1@25fps/30fps (PAL/NTSC) IP Channel: 8MP@ 20fps(PAL / NTSC); lower than 8MP@25fps / 30fps (PAL / NTSC)
Bit Rate	32Kbps ~ 4Mbps
Mode	Manual, timed, motion, smart event, etc.

Playback

Playback	4 CH
Search	Time slice / time / event / tag search
Smart Search	Highlight colors to display the camera record in a certain period of time, different colors refer to different record events
Function	Play, pause, FF, FB, digital zoom, etc.

Alarm

Mode	Manual, motion, exception, sensor, smart event

Input	4CH
Output	1CH

AI Function

Smart Motion Detection Performance	4CH
Perimeter Protection Performance	1CH

Network

Interface	RJ 45 100Mbps × 1
Protocol	TCP / IP, IPv4, IPv6, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, 802.1x, FTP, RTP, RTSP, RTCP, NTP, SMTP, UDP, Websocket, SNMP, IGMP
Incoming Bandwidth	16Mbps(max. 40Mbps)
Outgoing Bandwidth	40Mbps
Client Connection	Max. 10 users access

MobileDevice

OS	iOS, Andriod

Storage

HDD	SATA× 1, up to 10TB per HDD; E-SATA× 1

Backup

Local Backup	U disk, USB mobile HDD
Network Backup	Yes

Port

RS 485	Yes (half-duplex), connect to PTZ or keyboard
USB	USB 2.0 × 2
Remote Controller	Optional

Others

Power Supply	DC12V /1.5A
Consumption	≤ 10W (without HDD)
Dimensions(mm)	300 × 249 × 45(W × D × H)
Working Environment	-10~50°C, 10%~90% (humidity)
Certificate	CE, FCC
Environmental Protection	Comply with Directive EU RoHS, WEEE, REACH