

CCTV Analógico / HD 4n1 / XVRs

# SF-XVR8104A-HU-SMD

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### 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 HDTV/HDCVI/AHD/CVBS/ 4+2 IP
- Maximum resolution 4K (6FPS) / Alarms
- HDMI 4K and VGA / 1 HDD output
- Human- and vehicle-based AI



## Technical Specification

System	
OS	Embedded Linux
Video	
Analog Video Input	BNC × 4 BNC interface (1.0Vp-p; 75 $\Omega$ ) 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, 600 $\Omega$ )
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

<b>Input</b>	4CH
<b>Output</b>	1CH
<b>AI Function</b>	
<b>Smart Motion Detection Performance</b>	4CH
<b>Perimeter Protection Performance</b>	1CH
<b>Network</b>	
<b>Interface</b>	RJ 45 100Mbps × 1
<b>Protocol</b>	TCP / IP, IPv4, IPv6, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, 802.1x, FTP, RTP, RTSP, RTCP, NTP, SMTP, UDP, Websocket, SNMP, IGMP
<b>Incoming Bandwidth</b>	16Mbps(max. 40Mbps)
<b>Outgoing Bandwidth</b>	40Mbps
<b>Client Connection</b>	Max. 10 users access
<b>MobileDevice</b>	
<b>OS</b>	iOS, Andriod
<b>Storage</b>	
<b>HDD</b>	SATA× 1, up to 10TB per HDD; E-SATA× 1
<b>Backup</b>	
<b>Local Backup</b>	U disk, USB mobile HDD
<b>Network Backup</b>	Yes
<b>Port</b>	
<b>RS 485</b>	Yes (half-duplex), connect to PTZ or keyboard
<b>USB</b>	USB 2.0 × 2
<b>Remote Controller</b>	Optional
<b>Others</b>	
<b>Power Supply</b>	DC12V /1.5A
<b>Consumption</b>	≤ 10W ( without HDD )
<b>Dimensions(mm)</b>	300 × 249 × 45( W × D × H )
<b>Working Environment</b>	-10~50°C, 10%~90% (humidity)
<b>Certificate</b>	CE, FCC
<b>Environmental Protection</b>	Comply with Directive EU RoHS, WEEE, REACH