

# Hansarm Smart Tech

## Model: HSFRSystem

### SPECIFICATIONS

VIDEO	
Video Inputs	8 BNC (Multistandard Analog)
Supported Camera Types	8MP20, 5MP12, 4MP30, 4MP15, 3MP30, 3MP18, 1080P30, 1080P25, 720P30, 720P25, CVBS(NTSC/PAL)
Video Outputs	1 HDMI, 1 VGA
Display Resolution	HDMI : 3840 x 2160, 1920 x 1080, 1440 x 900, 1280 x 1024 VGA : 1920 x 1080, 1440 x 900, 1280 x 1024
Face recognition	Changes by moderate aging up to 20 years, facial expression, hairstyle
Digital Zoom	x2 ~ x12
RECORDING	
Recording Resolution	8MP,5MP, 4MP, 3MP, 1920x1080, 1280x720, 960x480, 720x480,960x240, 720x240 480x240, 360x240
Frame Rate	240ips@1080P, 144ips@3MP, 120ips@4MP, 80ips@5MP
Compression	H.265, H.264, Intelligent Codec
Recording Mode	Time-lapse, Event, Pre-event, Panic
Trigger Events	Alarm In, Motion Detection, Video Loss, Text-in
PLAYBACK	
Performance	8ch 1080p synchronous playback
Search Mode	Time-lapse, Event Log, Motion, Text-in
Digital Zoom	x2 ~ x12
STORAGE	
HDD	SATA x2 (Up to 6TB capacity for each disk)
Total Capacity	12TB=6TB x2
Data Export Device	USB HDD, USB Stick
NETWORK	
Client Connection	Fast Ethernet x1
Transmission Speed	30ips@Full HD per channel, same as recording stream
Remote Data Export	AVI, JPG, BMP
Event notification	Email (attach clip (cbf, mp4, jpeg)), Callback to Remote S/W,
Two-way Audio	Yes
INTERFACE	
Audio In / Out	4 RCA / 1 RCA + 1 HDMI
Alarm In / Out	8 In / 1 Relay Out
Alarm Reset In	-
Serial Interface	RS232 / RS485(Terminal Block), USB 2.0 x 2(Front x 2)
User Interface	Mouse, IR Remote Control, Front Button, Network Remote Keyboard
GENERAL	
Operating System	Windows
Unit Dimensions (WxHxD) (overseas)	300mm x 67mm x 243.6mm (11.8" x 2.6 x 9.6")
Unit Dimensions (WxHxD) (Korea)	300mm x 67mm x 242.1mm (11.8" x 2.6 x 9.5")
Unit Weight	3.0 kg (with 2 2TB HDD)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity	0% ~ 90%
Power Input	Adaptor Input : 100-240V AC, 50/60Hz, 1.5A, Output : 12V DC, 5A
Power Consumption	12V=, 1.7A, 20.4W
Approvals	FCC, CE, KC