

2024

FSAN PRODUCTS BROCHURE
HD VIDEO OVERALL SOLUTION SUPPLIER



ABOUT FSAN

Shenzhen FSAN Intelligent Technology Co., Ltd. was founded in 2006, it is a national high-tech enterprise with video intelligent perception technology as the core strategy, and has strong independent research and development and production capacity, as well as ODM professional manufacturers in software, hardware, productization and manufacturing.

Products include: smart cameras, smart dome cameras, smart video recorders, smart PTZ zoom module, temperaturescreening products, industrial cameras, vehicle-mounted cameras, smart application management platforms, integrated solutions for industrial applications, etc



SHENZHEN PRODUCTION BASE



HUIZHOU PRODUCTION BASE



COMPANY RECEPTION

STRUCTURED PRODUCT



Structured camera

- Ultra low illumination 4MP/8MP CMOS
- With 2.5Tops INT8 NN acceleration engine
- Auto-focus lens algorithm with electric variable magnification
- Face capture, gender, age, expression and other recognition
- Identify the attributes, characteristics and attire of pedestrians
- Identification of vehicle type, brand, color, license plate, etc
- Identify the type, color and characteristics of the occupants of non-motor vehicles
- Target Count, Overline detection, Area Detection, Object Lost/left, Personnel Stay



4K Back-illuminated CMOS Zoom Module

- 1/1.2" SONY 8MP Exmor CMOS
- The 2.0T/2.1 INT8 NN acceleration engine is adopted
- Illuminance color :0.001Lux/F1.4; B/W 0.0001Lux/F1.4
- Supports 30x optical zoom
- Supports structured intelligent detection and analysis
- Support WDR, ROI, 3DNR, Defog, Shutter
- Support ONVIF/RTSP/P2P/RTMP/HTTP push
- Supports WEB/MS/P2P access preview
- Support RS232 control, PELCO-D protocol, network port, DC12V



Smart IVR

- Adopt ARM Cortex A55 octa-core @1.6GHz CPU
- Supports 36/64/128 channel video access
- Supports simultaneous decoding of 6*4K / 24*1080P
- Maximum decode 32MP camera access
- Support Smart IPC(Target Count, Electronic Fence, Retrograde Detection, Off-site Detection)
- Supports structured camera intelligence
- Support photo retrieval and statistics for people and vehicles
- Support license plate recognition and retrieval
- Supports structuring and other intelligent preview results
- Supports 8/16/24 HDD storage



Cyber Security Compliance

Ambarella series

8MP/4MP/2MP



FACE
CAPTURE



SMART
DETECTION



FACE
RECOGNITION



Electric fence











Retrograde detection



Target count



Off-post detection

Model	FS-W9172IHZ55	FS-W9172IHHB55A	FS-W3170IHZ55	FS-W3170IHHB55A	FS-W3170IHHB60	FS-W3770IHHB87	FS-W6172IHZ55	FS-W6370IHHB87
Images								
Video Compression	H.265/H.264,2 Stream							
Max.Images Resolution	3840x2160@30fps		2592x1520@30fps				1920x1080@30fps	
Image Sensor	1/2.8" SONY 8MP Exmor CMOS		1/2.8" SONY 5.14MP Exmor CMOS				1/2.8" SONY 2.13MP Exmor CMOS	
Min.illumination	0Lux (IR on); Color:0.1Lux/F1.4;B/W:0.05Lux/F1.4 ;						0Lux (IR on); Color:0.01Lux/F1.4;B/W:0.001Lux/F1.4 ;	
IR Distance	Smart IR;40-50m (4*IR leds)	Smart IR;20-30M (12*IR leds)	Smart IR;40-50m (4*IR leds)	Smart IR;20-30m (12*IR leds)	Smart IR;20-30m (12*IR leds)	Smart IR;15-20m (2*IR-III leds)	Smart IR;40-50m (4*IR leds)	Smart IR;15-20m (2*IR leds)
Lens	2.8-12mm MFZ; Optional 6-22mm				2.8mm M12 lens, Optional 3.6mm/ 6mm	3.6mm M12 lens, Optional 6mm/8mm	2.8-12mm MFZ; Optional 6-22mm	3.6mm M12 lens, Optional 6mm/8mm
Day/Night	Ext,Auto,Color,B/W;ICR							
Video Parameter	WDR/3DNR		WDR/3DNR/Defog					
Smart	/	/	Target Count, Electronic Fence, Retrograde Detection, Off-site Detection					
ROI	Yes(4 areas)							
ANR	support, match with NVR							
Networking Protocol	TCP/IP/UDP/HTTP/HTTPS/DHCP/PPPoE/HTTP/HTTPS/RTSP/RTMP/DDNS/UPNP/FTP							
Interface Protocol	Onvif/SLINK/HTTP Push							
Preview Monitoring	Mobile Phone/IMS/NVR/Browser							
SD Card Slot	Yes(up to 256G)							
Audio Line In/Out	1/1, Optional MIC/Speaker	1/1	1/1, Optional MIC/Speaker	1/1	1/1	1/1, Optional MIC/Speaker	1/1	1/1, Optional MIC/Speaker
Alarm Input/Output	1/1	2/1	1/1	2/1			1/1	2/1
Power Supply	DC 12V/PoE Optional							
Protection Grade	IP66/-	IP66/IK10	IP66/-	IP66/IK10			IP66/-	
Operating Conditions	-20°C ~ 55°C/0%-90%							

Hisilicon series

8MP/4MP/2MP



PEDESTRIAN
DETECTION



NON-MOTORIZED
VEHICLE











MOTORIZED
VEHICLE



















Motor vehicle identification



















Non-motor vehicle identification









Model	FS-W9301IHZ55	FS-W8730IHBB55A	FS-W8730IHZ55	FS-W3532IHZ79F	FS-W3532IQ97B	FS-W6235IHZ23	FS-W6235IHBB60	FS-W6235IHBB87
Images								
Video Compression	H.265/H.264,3 Stream							
Max.Images Resolution	3840x2160@15fps, 3072x2048@30fps	2592x1944@30fps		2592x1944@20fps/ 2592x1520@30fps		1920x1080@30fps		
Image Sensor	1/2.5" SONY 8MP Exmor CMOS	1/2.8" SONY 5.14MP Exmor CMOS				1/2.8" SONY 2.13MP Exmor CMOS		
Min.illumination	0Lux (IR on); Color:0.01Lux/F1.4;B/W:0.05Lux/F1.4					0Lux (IR on); Color:0.02Lux/F1.4; B/W:0.002Lux/F1.4 ;	0Lux (IR on); Color:0.01Lux/F1.4; B/W:0.001Lux/F1.4	0Lux (IR on); Color:0.02Lux/F1.4; B/W:0.002Lux/F1.4 ;
IR Distance	Smart IR;40-50m (4*IR leds)	Smart IR;20-30M (12*IR leds)	Smart IR;40-50m (4*IR leds)	Smart IR;40-50M (3*IR-III leds)	/	Smart IR;15-20M (15*IR leds)	Smart IR;5-10m (6*IR leds)	Smart IR;15-20m (2*IR leds)
Lens	2.8-12mm MFZ; Optional 6-22mm				C/CS interface, support DC lens	3.6mm M12 lens, Optional 6mm/8mm		
Day/Night	Ext,Auto,Color,B/W;ICR					Auto,Color,B/W;ICR	Ext,Auto,Color,B/W;ICR	
Video Parameter	WDR/3DNR/Defog							
Smart	Target Count, Electronic Fence, Retrograde Detection, Off-site Detection							
ROI	Yes(4 areas)							
ANR	support, match with NVR							
Networking Protocol	TCP/IP/UDP/HTTP/HTTPS/DHCP/PPPoE/HTTP/HTTPS/RTSP/RTMP/DDNS/UPNP/FTP							
Interface Protocol	Onvif/SLINK/HTTP Push							
Preview Monitoring	Mobile Phone/IMS/NVR/Browser							
SD Card Slot	Yes(up to 256G)							
Audio Line In/Out	1/1, Optional MIC/Speaker	1/1	1/1, Optional MIC/Speaker	1/1	1/1	1/1	1/1	1/1, Optional MIC/Speaker
Alarm Input/Output	1/1	2/1	1/1	2/1				
Power Supply	DC 12V/PoE Optional							
Protection Grade	IP66/-	IP66/IK10	IP66/-	IP66/-	/	IP66/-	IP66/IK10	IP66/-
Operating Conditions	-20°C ~ 55°C/0%-90%							









Model	FS-WQ-DN-7R-F4-MS	FS-WQ-CJ-8C-F4-MS	FS-WQ-PT-7R-F4-MS	FS-WQ-EZ-7R-F4-MS	FS-WQ-ND3-8C-F4-MS	FS-WQ-E42-7R-F4-MS	FS-WQ-PG-7R-F4-MS	FS-WQ-PG-8C-F4-MS
Images								
Video Compression	H.265/H.264,2 Stream							
Max.Images Resolution	2592×1520@25fps							
Image Sensor	1/2.8" Low Lux 4MP CMOS							
Min.illumination	0Lux (IR on); Color:0.01Lux/F1.4;B/W:0.05Lux/F1.4 ;							
IR Distance	Smart IR;15m (3 pcs dual light)	Smart IR;20m (4 pcs dual light)	Smart IR;30m (8 pcs dual light)	Smart IR;15m (4 pcs dual light)	Smart IR;15m (4 pcs dual light)	Smart IR;15m (12*IR leds)	Smart IR;20m (18*IR leds)	Smart IR;20m (18*IR leds)
Lens	4 mm M12 lens、 ICR,Optional 6 mm/ 8mm lens							
Day/Night	Ext,ICR							
Video Parameter	DWDR/3DNR/Defog							
Smart	Area Invasion,Out-of-Bounds,Personnel Stay,Off-site Detection,Vehicle Illegal Parking,Retrograde Detection							
ROI	/							
ANR	support, match with NVR							
Networking Protocol	TCP/IP,UDP,HTTP,HTTPS,DHCP,PPPoE,HTTP,HTTPS,RTSP,RTMP,DDNS,UPNP,FTP							
Interface Protocol	Onvif/Slink/HIK/TST/HTTP Push							
Preview Monitoring	Mobile Phone/IMS/NVR/Browser							
SD Card Slot	Yes(up to 256G)							
Audio Line In/Out	Built-in MIC/Speaker							
Alarm Input/Output	/							
Power Supply	DC 12V/PoE Optional							
Protection Grade	IP66/-					IP66/IK10		
Operating Conditions	-20°C ~ 55°C/0% -90 %							








Model	FS-W3360IHB91	FS-W3360IHZ56	FS-W3701IHIHZ56	FS-W6701IHB845	FS-W3211IHZ55	FS-W3211IHZ79	FS-W6210IHZ23	FS-W62101IHB87
Images								
Video Compression	H.265/H.264,2 Stream							
Max.Images Resolution	2592×1520@30fps			1920×1080@30fps	2592×1520@30fps		1920×1080@30fps	
Image Sensor	1/3" Low illumination 4MP CMOS			1/2.8" Low illumination 2MP CMOS	1/2.8" SONY 5.14MP Exmor CMOS		1/2.8" SONY 2.13MP Exmor CMOS	
Min.illumination	0Lux (IR on);Color:0.01Lux/F1.4;B/W:0.05Lux/F1.4 ;					0Lux (IR on);Color:0.01Lux/F1.4;B/W:0.001Lux/F1.4 ;		
IR Distance	Smart IR;15-20m (2*IR leds)	Smart IR;20-30M (8*dual light leds)	Smart IR;20-30M (8*dual light leds)	Smart IR;20m (18*IR leds)	Smart IR;40-50M (3*IR-III leds)	Smart IR;20-30m (12*IR leds)	Smart IR;15-20M (15*IR leds)	Smart IR;15-20m (2*IR leds)
Lens	3.6mm M12 lens, Optional 6mm/8mm				2.8-12mm MFZ; Optional 6-22mm		2.8-12mm MFZ; Optional 6-22mm	
Day/Night	Ext,Auto,Color,B/W;ICR							
Video Parameter	DWDR/3DNR/Defog				WDR/3DNR/Defog			
Smart	Target Count,Electronic Fence, Retrograde Detection,Off-site Detection		Humanoid detection		Target Count, Area Detection, Object Lost/left,Line Crossing Detection			
ROI	/				Yes(4 areas)			
ANR	support, match with NVR							
Networking Protocol	TCP/IP/UDP/HTTP/HTTPS/DHCP/PPPoE/HTTP/HTTPS/RTSP/RTMP/DDNS/UPNP/FTP							
Interface Protocol	Onvif/SLINK/HTTP Push							
Preview Monitoring	Mobile Phone/IMS/NVR/Browser							
SD Card Slot	Yes(up to 256G)							
Audio Line In/Out	Built-in MIC/Speaker			1/1		/		Built-in MIC/Speaker
Alarm Input/Output	/	2/1				/		
Power Supply	DC 12V/PoE Optional							
Protection Grade	IP66/-			IP66/IK10	IP66/-	IP66/IK10	IP66/-	
Operating Conditions	-20°C ~ 55°C/0%-90%							









Model	FS-WX-DN-8W-F4-MS	FS-WX-DN-8C-F4-MS	FS-WN-DN-6N-F4-MS	FS-WX-CJ-8W-F4-MS	FS-WX-CJ-8C-F4-MS	FS-WN-CJ-6N-F4-MS	FS-WX-PT-8W-F4-MS	FS-WX-PT-8C-F4-MS
Images								
Video Compression	H.265+/265/H.264, 2 Stream							
Max.Images Resolution	5MP@30fps	5MP@20fps, 4MP@30fps	4MP/3MP@20fps, 2MP@30 fps	5MP@30fps	5MP@20fps, 4MP@30fps	4MP/3MP@20fps, 2MP@30 fps	5MP@30fps	5MP@20fps, 4MP@30fps
Image Sensor	1/2.8" Low illumination 5MP CMOS		1/2.8" Low illumination 4MP CMOS	1/2.8" Low illumination 5MP CMOS		1/2.8" Low illumination 4MP CMOS	1/2.8" Low illumination 5MP CMOS	
Min.illumination	0Lux (IR on)							
IR Distance	Smart IR;15m (3 pcs dual light)			Smart IR;20m (4 pcs dual light)			Smart IR;30m (8 pcs dual light)	
Lens	4 mm M12 lens, ICR,Optional 6mm/8mm lens							
Day/Night	Ext,ICR							
Video Parameter	DWDR/3DNR/Defog							
Smart	Humanoid Detection							
ROI	/							
ANR	support, match with NVR							
Networking Protocol	TCP/IP/UDP/HTTP/HTTPS/DHCP/PPPoE/HTTP/HTTPS/RTSP/RTMP/DDNS/UPNP/FTP							
Interface Protocol	Onvif/SLINK/HTTP Push							
Preview Monitoring	Mobile Phone/IMS/NVR/Browser							
SD Card Slot	Optional Yes(up to 512G)							
Audio Line In/Out	Optional Built-in MIC/Speaker							
Alarm Input/Output	/							
Power Supply	DC 12,PoE Optional							
Protection Grade	IP66/-							
Operating Conditions	-20°C ~ 55°C/0%-90%							

Model	FS-WX-EZ-8W-F4-MS	FS-WX-EZ-8C-F4-MS	FS-WN-EZ-6N-F4-MS	FS-WX-ND3-8W-F4-MS	FS-WX-ND3-8C-F4-MS	FS-WN-ND3-6N-F4-MS	FS-WX-E42-8W-F4-MS	FS-WX-E42-8C-F4-MS
Images								
Video Compression	H.265+/265/H.264, 2 Stream							
Max.Images Resolution	5MP@30fps	5MP@20fps, 4MP@30fps	4MP/3MP@20fps, 2MP@30 fps	5MP@30fps	5MP@20fps, 4MP@30fps	4MP/3MP@20fps, 2MP@30 fps	5MP@30fps	5MP@20fps, 4MP@30fps
Image Sensor	1/2.8" Low illumination 5MP CMOS		1/2.8" Low illumination 4MP CMOS	1/2.8" Low illumination 5MP CMOS		1/2.8" Low illumination 4MP CMOS	1/2.8" Low illumination 5MP CMOS	
Min.illumination	0Lux (IR on)							
IR Distance	Smart IR;15m (3 pcs dual light)			Smart IR;20m (4 pcs dual light)			Smart IR;30m (8 pcs dual light)	
Lens	4 mm M12 lens,ICR,Optional 6mm/8mm lens							
Day/Night	Ext,ICR							
Video Parameter	DWDR/3DNR/Defog							
Smart	Humanoid Detection							
ROI	/							
ANR	support, match with NVR							
Networking Protocol	TCP/IP/UDP/HTTP/HTTPS/DHCP/PPPoE/HTTP/HTTPS/RTSP/RTMP/DDNS/UPNP/FTP							
Interface Protocol	Onvif/SLINK/HTTP Push							
Preview Monitoring	Mobile Phone/IMS/NVR/Browser							
SD Card Slot	Optional Yes(up to 512G)							
Audio Line In/Out	Optional Built-in MIC/Speaker							
Alarm Input/Output	/							
Power Supply	DC 12,PoE Optional							
Protection Grade	IP66/-							
Operating Conditions	-20°C ~ 55°C/0%-90%							

Model	FS-WX-CJ-8X-F4-MSTW	FS-WX-PG-8X-F4-MSTW	FS-WX-ND-8X-F4-MSTW	FS-WN-ND-6U-F4-MSTW	FS-WN-XC-8C-M2812-MSTW	FS-WD-QH8-X-MSW	FS-WD-Q08-X-MSW	FS-WD-QB7-X-MSW
Images								
Video Compression	H.265+/265/H.264, 2 Stream							
Max.Images Resolution	5MP@20fps, 4MP@30fps		3MP@20fps, 2MP@30fps		5MP@30fps		5MP@20fps, 4MP@30fps	
Image Sensor	1/2.8" Low illumination 5MP CMOS		1/2.8" Low illumination 4MP CMOS		1/2.8" Low illumination 5MP CMOS		1/2.8" Low illumination 5MP CMOS	
Min.illumination	0Lux (IR on)							
IR Distance	Smart IR;15m (4 pcs dual light)				Smart IR;15 m (2 pcs dual light)		Smart IR;15m (4 pcs dual light)	
Lens	4 mm M12 lens,ICR,Optional 6mm/8mm lens				2.8-12 mm MFZ lens, ICR		4 mm M12 lens, ICR, Optional 6mm/8mm lens	
Day/Night	Ext,ICR							
Video Parameter	DWDR/3DNR/Defog							
Smart	Humanoid Detection							
ROI	/							
ANR	support, match with NVR							
Networking Protocol	TCP/IP/UDP/HTTP/HTTPS/DHCP/PPPoE/HTTP/HTTPS/RTSP/RTMP/DDNS/UPNP/FTP							
Interface Protocol	Onvif/SLINK/HTTP Push							
Preview Monitoring	Mobile Phone/IMS/NVR/Browser							
SD Card Slot	Optional Yes(up to 512G)							
Audio Line In/Out	Optional Built-in MIC/Speaker							
Network Interface	WiFi,RJ45							
Power Supply	DC 12v							
Protection Grade	IP66/-							
Operating Conditions	-20°C ~ 55°C/0%-90%							

Model	FS-WX-CJ-8X-F4-MSTG	FS-WN-CJ-6U-F4-MSTG	FS-WX-PQ-8X-F4-MSTG	FS-WN-PQ-6U-F4-MSTG	FS-WX-PG-BX-F4-MSTG	FS-WX-PG-BX-F4-MSTG	FS-WN-XC-8X-M2812-MSTG	FS-WN-XC-6U-M2812-MSTG
Images								
Video Compression	H.265+/265/H.264,2 Stream							
Max.Images Resolution	5MP@20fps, 4MP@30fps	3MP@20fps, 2MP@30fps	5MP@20fps, 4MP@30fps	3MP@20fps, 2MP@30fps	5MP@30fps	3MP@20fps, 2MP@30fps	5MP@30fps	5MP@20fps, 4MP@30fps
Image Sensor	1/2.8" Low illumination 5MP CMOS		1/2.8" Low illumination 4MP CMOS	1/2.8" Low illumination 5MP CMOS		1/2.8" Low illumination 4MP CMOS	1/2.8" Low illumination 5MP CMOS	
Min.illumination	0Lux (IR on)							
IR Distance	Smart IR;15m (4 pcs dual light)				Smart IR;20 m (18 pcs dual light)		Smart IR;15m (2 pcs dual light)	
Lens	4 mm M12 lens, ICR,Optional 6mm/8mm lens						2.8-12 mm MFZ lens, ICR	
Day/Night	Ext,ICR							
Video Parameter	DWDR/3DNR/Defog							
Smart	Humanoid Detection							
ROI	/							
ANR	support, match with NVR							
Networking Protocol	TCP/IP/UDP/HTTP/HTTPS/DHCP/PPPoE/HTTP/HTTPS/RTSP/RTMP/DDNS/UPNP/FTP							
Interface Protocol	Onvif/SLINK,HTTP Push							
Preview Monitoring	Mobile Phone/IMS/NVR/Browser							
SD Card Slot	Optional:Yes(up to 512G)							
Audio Line In/Out	Optional Built-in MIC/Speaker							
Alarm Input/Output	4G,RJ45							
Power Supply	DC 12v							
Protection Grade	IP66/-							
Operating Conditions	-20°C ~ 55°C/0%-90%							

Model	FS-FW9730IHZ55	FS-FW8730IHBB55A	FS-FW8730IHZ55B	FS-FW3532IHZ79F	FS-FW3360IHZ56	FS-FW3360IHBB87	FS-FW6237IHZ55	FS-FW6236IHZ85
Images								
Video Compression	H.265/H.264,3 Stream			H.265/H.264,2 Stream			H.265/H.264,3 Stream	
Max.Images Resolution	3840x2160@30fps	2592x1944@30fps			2592x1520@30fps			1920x1080@30fps
Image Sensor	1/2.5" SONY 8MP Exmor CMOS		1/2.8" SONY 5MP Exmor CMOS		1/2.8" SONY 4MP Exmor CMOS		1/2.8" SONY 2.13MP Exmor CMOS	
Min.illumination	0Lux (IR on); Color:0.1Lux/F1.4; B/W:0.01Lux/F1.4 ;		0Lux (IR on); Color:0.01Lux/F1.4; B/W:0.05Lux/F1.4 ;		0Lux (IR on); Color:0.01Lux/F1.4; B/W:0.05Lux/F1.4 ;		Color:0.01Lux/F1.4; B/W:0.001Lux/F1.4 ;	0Lux (IR on); Color:0.001Lux/F1.4; B/W:0.0001Lux/F1.4 ;
IR Distance	Smart IR;40-50m (4*IR leds)	Smart IR;20-30m (12*IR leds)	Smart IR;40-50m (4*IR leds)	Smart IR;40-50m (4*IR leds)	Smart IR;20-30M (8*dual light leds)	Smart IR;15-20m (2*IR leds)	/	Smart IR;40-50m (4*IR leds)
Lens	2.8-12mm MFZ; Optional 6-22mm				3.6mm M12 lens, Optiona 6mm/8mm	3.6mm M12 lens, Optiona 6mm/8mm	C/CS interface, support DC lens	2.8-12mm MFZ; Optional 6-22mm
Day/Night	Ext,Auto,Color,B/W;ICR						Auto,Color,B/W;ICR	Ext,Auto,Color,B/W;ICR
Video Parameter	WDR/3DNR/Defog				DWDR/3DNR/Defog		WDR/3DNR/Defog	
Smart	Video Structurization,Face capture Humanoid Detection,Motor Vehicle Detection, Non-motor Vehicle Detection			Face capture	Face capture, Humanoid Detection, Timing capture,		Face capture	
Face Parameter	capture face≤30,capture pixel≥32-300 Capture mode: Enter/Leave/Interval				capture face≤10,capture pixel≥32-300 Capture mode: Enter/Leave/Interval		capture face≤30,capture pixel≥32-300 Capture mode: Enter/Leave/Interval	
ROI	Yes(4 areas)							
ANR	support, match with NVR							
Networking Protocol	TCP/IP/UDP/HTTP/HTTPS/DHCP/PPPoE/HTTP/HTTPS/RTSP/RTMP/DDNS/UPNP/FTP							
Interface Protocol	Onvif/SLINK/HTTP Push							
Preview Monitoring	Mobile Phone/IMS/NVR/Browser							
SD Card Slot	Yes(up to 256G)							
Audio Line In/Out	1/1, Optional Built-in MIC/Speaker	1/1	1/1, Optional Built-in MIC/Speaker			2/1	1/1	
Alarm Input/Output	2/1					1/1	2/1	
Power Supply	DC 12V/PoE Optional							
Protection Grade	IP66/-	IP66/IK10	IP66/-			IP66/-		
Operating Conditions	-20°C ~ 55°C/0%-90%							

Model	FS-FEW9730IHZ55B	FS-FEW8730IHBB55A	FS-FEW8730IHZ55	FS-FEW3532IHZ79F	FS-FEW3360IHZ56	FS-FEW3360IHBB87	FS-FEW6237IQ97B	FS-FEW6236IHZ85
Images								
Video Compression	H.265/H.264,3 Stream				H.265/H.264,2 Stream		H.265/H.264,3 Stream	
Max.Images Resolution	3840x2160@30fps	2592x1944@30fps		2592x1520@20fps/ 2592x1520@30fps	2592x1520@30fps		1920x1080@30fps	
Image Sensor	1/2.5" SONY 8MP Exmor CMOS	1/2.8" SONY 5.14MP Exmor CMOS		1/2.8" SONY 2.13MP Exmor CMOS		1/2.8" SONY 2.13MP Exmor CMOS		
Min.illumination	0Lux (IR on); Color:0.1Lux/F1.4; B/W:0.01Lux/F1.4			0Lux (IR on); Color:0.1Lux/F1.4; B/W:0.05Lux/F1.4		Color:0.01Lux/F1.4; B/W:0.001Lux/F1.4		0Lux (IR on); Color:0.001Lux/F1.4; B/W:0.0001Lux/F1.4
IR Distance	Smart IR;40-50m (4*IR leds)	Smart IR;20-30M (15*IR leds)	Smart IR;40-50m (4*IR leds)	Smart IR;40-50M (3*IR-III leds)	Smart IR;20-30M (8*dual light leds)	Smart IR;15-20M (2*IR-III leds)	/	Smart IR;40-50m (4*IR leds)
Lens	2.8-12mm MFZ; Optional 6-22mm				3.6mm M12 lens, Optiona 6mm/8mm		C/C/S interface, support DC lens	2.8-12mm MFZ; Optional 6-22mm
Day/Night	Ext,Auto,Color,B/W;ICR							
Video Parameter	WDR/3DNR/Defog				DWDR/3DNR/Defog		WDR/3DNR/Defog	
Smart	Video Structurization,Face capture Humanoid Detection,Motor Vehicle Detection, Non-motor Vehicle Detection			Face Recognition	Face Recognition,Humanoid Detection,Timing capture		Face Recognition	
Face Parameter	Face Library 10000,Recognition face≤30, Recognition pixel≥80*80				Face Library 3000,Recognition face≤6, Recognition pixel≥80*80		Face Library 10000,Recognition face≤30, Recognition pixel≥80*80	
ROI	Yes(4 areas)				/		Yes(4 areas)	
ANR	support, match with NVR							
Networking Protocol	TCP/IP/UDP/HTTP/HTTPS/DHCP/PPPoE/HTTP/HTTPS/RTSP/RTMP/DDNS/UPNP/FTP							
Interface Protocol	Onvif/SLINK/HTTP Push							
Preview Monitoring	Mobile Phone/IMS/NVR/Browser							
SD Card Slot	Yes(up to 256G)							
Audio Line In/Out	1/1, Optional Built-in MIC/Speaker	1/1	1/1, Optional Built-in MIC/Speaker	1/1	1/1, Optional Built-in MIC/Speaker		1/1	
Alarm Input/Output	1/1			2/1			1/1	2/1
Wiegand Output	1		/	1	/	/	1	
Power Supply	DC 12V/PoE Optional							
Protection Grade	IP66/-	IP66/IK10						IP66/-
Operating Conditions	-20°C ~ 55°C/0%-90%							

FACE RECOGNITION TABLET TERMINAL



FEW6133F04

- Binocular living face recognition algorithm, Linux system
- Supports 10,000 face library, 100,000 records
- 5-inch 1280 x 720 pixel IPS screen
- Support intelligent detection Enable face fill light
- Support face automatic exposure is clearer photos
- Support for optional built-in IC card
- Support access control I/O, Wiegand output, RJ45
- Support WiFi, TF card, HDMI extended display, voice broadcast
- Supports IMS attendance report and manage
- DC12V, wall mount



FEW6830F06

- Binocular living face recognition algorithm, Linux system
- Supports 10,000 face library, 100,000 records
- 7-inch 600 x 1024 pixel IPS screen
- Support intelligent detection Enable face fill light
- Support face automatic exposure is clearer photos
- Support for optional built-in IC card
- Support access control output, Wiegand output, RJ45
- Support voice broadcasting
- Supports IMS attendance report and manage
- DC12V, Vertical pole installation/wall mount



FEW6133F011

- Binocular living face recognition algorithm, Linux system
- Supports 10,000 face library, 100,000 records
- 7-inch 800 x 1280 pixel IPS screen
- Support intelligent detection Enable face fill light
- Support face automatic exposure is clearer photos
- Support for optional built-in IC card
- Support access control I/O, Wiegand output, RJ45
- Support WiFi, TF card, USB, voice broadcast
- Supports IMS attendance report and manage
- DC12V, Vertical pole installation/wall mount



FEW6830F09

- Binocular living face recognition algorithm, Linux system
- Supports 10,000 face library, 100,000 records
- 8-inch 800 x 1280 pixel IPS screen
- Support intelligent detection Enable face fill light
- Support face automatic exposure is clearer photos
- Support for optional built-in IC card
- Support access control output, Wiegand output, RJ45
- Support voice broadcasting
- Supports IMS attendance report and manage
- DC12V, Vertical pole installation/wall mount

FACE RECOGNITION IVR TERMINAL



FERC7-02016K

- 16-ch 5MP/3MP/2MP video access
- Support 4-ch face recognition camera access
- Support face capture and recognition results display
- Support 3000 face library import
- Support blacklist defense linkage alarm and push to IMS and APP
- Support local and IMS face library batch import and export
- Support face photos and corresponding video retrieval
- Support API interconnection and HTTP push results
- Support 2*HDD, RJ45, VGA/HDMI display output
- DC 12V power supply. POE optional



FER79-0136K/79-0164K

- 36/64-ch 8MP/5MP/3MP/2MP video access
- Support 16-ch face recognition camera access
- Support face capture and recognition results display
- Support 10000 face library import
- Support blacklist defense linkage alarm and push to IMS and APP
- Support local and IMS face library batch import and export
- Support face photos and corresponding video retrieval
- Support API interconnection and HTTP push results
- Support 8*HDD, 2*RJ45, VGA/HDMI display output
- AC 220V power supply



FER7A-16128K

- 128-ch 8MP/5MP/3MP/2MP video access
- Support 16-ch face recognition camera access
- Support face capture and recognition results display
- Support 10000 face library import
- Support blacklist defense linkage alarm and push to IMS and APP
- Support local and IMS face library batch import and export
- Support face photos and corresponding video retrieval
- Support API interconnection and HTTP push results
- Support 16*HDD, 2*RJ45, VGA/HDMI display output
- AC 220V power supply



FS-08036K (Face server)

- 36-ch 8MP/5MP/3MP/2MP video access
- Support 16-ch face capture camera or 8-ch local capture access
- Support face capture and recognition results display
- Support 100000 face library import
- Support blacklist defense linkage alarm and push to IMS and APP
- Support local and IMS face library batch import and export
- Support face photos and corresponding video retrieval
- Support API interconnection and HTTP push results
- Support 8*HDD, 2*RJ45, VGA/HDMI display output
- AC 220V power supply

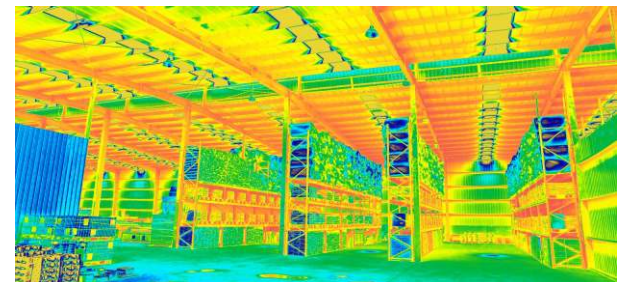
THERMAL IMAGING PRODUCT



DUAL SPECTRAL THERMAL IMAGING CAMERA

FS-TFW6233IHZ85A

- Built-in flame detection algorithm
- Visible light:
 - 1/2.8" SONY Starlight CMOS sensor
 - Resolution 1920*1080
 - 6mm prime lens
- Thermal imaging:
 - Uncooled LWIR temperature measuring movement
 - Resolution 384*288, response band 8um-14um,
 - 9.1mm prime lens, view Angle 48° (H) x 38° (V)
 - Measuring temperature range -10-300°C, measuring accuracy $\pm 2^{\circ}\text{C}$
 - High and low temperature automatic capture
 - Automatic temperature correction, distance correction
 - Alarm IO, audio IO, TF card, RS485,
 - IP66, DC12V/POE



PANORAMIC PRODUCT



4-EYE SPLICING PANORAMIC CAMERA

- 1/1.8" SONY 8MP CMOS
- 4*8MP multi-video splicing
- 180° imaging, automatic correction
- Resolution up to 8192*3840@25fps
- Standard RTSP/ ONVIF protocol
- HTTPS/ DHCP/ DDNS/ SMTP/ FTP
- DC12V/ PoE/ RJ45/ Rs485/ IP66



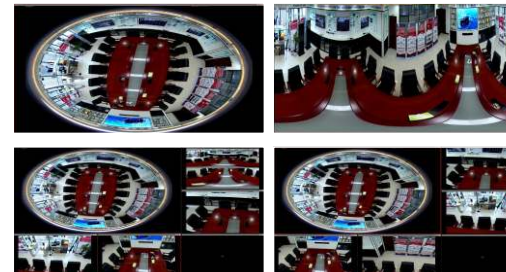
- 1/2" SONY CMOS
- 4*2MP multi-video splicing
- 180° imaging, automatic correction
- Resolution up to 3840*1920@30fps
- Standard RTSP/ ONVIF protocol
- HTTPS/ DHCP/ DDNS/ SMTP/ FTP
- DC12V/ PoE/ RJ45/ Rs485/ IP66



※ 4G/5G optional

360° 12MP PANORAMIC CAMERA

- 1/1.7" Sony 12MP Exmor CMOS
- H.265/H.264
- Mode 1: Fisheye (4000*3000)
- Mode 2: Fisheye + panorama (2048*2048 + 2048*2048)
- Mode 3: Fisheye + 3 electronic PTZ (2048*2048 + 3*1600*1200)
- Mode 4: Fisheye + 4 electronic PTZ (2048*2048 + 4*1600*1200)
- Mode 5: Fisheye + panorama + 3 electronic PTZ (2048*2048 + 1600*1200 + 3*2048*1024)
- Support two-way voice intercom, builtin microphone, speaker
- Night vision 360-degree omnidirectional infrared fill light, infrared distance 15M
- Support alarm input and output, TF card
- DC12V/AC24V, PoE



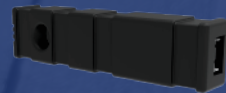
ELEVATOR MONITORING SURVEILLANCE

Video overlay OSD content display
Open and close door status
Number of people display
Running status: upstairs,downstairs,stopped
Floor display
Speed display
Temperature and humidity display



Elevator blocking alert camera

- Electric bicycle and moped detection
- Number detection
- Opening and closing door detection
- Trapping person detection
- Object distance occlusion detection
- Linkage ladder control
- Audible and visual warning
- Voice announcement and intercom



Elevator smart black box

- Support floor detection
- Running speed detection
- Operational status detection
- Support trapping person detection
- Elevator off-level stop detection
- Run time statistics
- Well temperature and humidity detection
- 11 types of elevator abnormal operation warning



IMS integrated management host

- Embedded Linux operating system, B/S architecture
- 128 channels of video and 2 HDDS for storage
- Support elevator camera linkage capture pictures, video storage
- Preview, playback, alarm, configuration integration
- Data platform statistics to see the version
- Support P2P cloud account mobile synchronous login
- Supports webrtc
- Alarm linkage graph and sound alarm
- Dual network port, USB, HDMI/VGA port



Elevator iot platform

- Linux platform, B/S architecture
- Self-built servers and distributed deployment
- Equipment centralized management, video intercom
- Push electric bicycle and moped entry and elevator exception alarms
- Elevator running status monitoring, maintenance information management
- Support mobile APP preview, playback, alarm message
- Community management, property management
- Supports 11 types of warning data center Kanban
- Server authorization management
- UI personalized customization
- Support for connecting to the regulator platform

2MP 10X

FS-6102

- Multiple face capture recognition at the same time
- Support 10000 face library
- Human-vehicle analysis (target counting/off-post /retrograde /electronic fence)
- Support three streams, 1920×1080P@30fps
- 10X optical zoom,f=4.7-47mm,256 preset, 8 cruise, 4 pattern
- ROI, WDR, 3DNR, Defog, EIS
- Voice Talkback, alarm input and output, TF card
- Onvif/RTSP/P2P/RTMP/HTTP push
- Support WEB/IMS
- RS232 control PTZ, PelcoD protocol, Network port,DC12V



2MP 20X

FS-6201

- Multiple face capture recognition at the same time
- Support 10000 face library
- Human-vehicle analysis (target counting/off-post /retrograde /electronic fence)
- Support three streams, 1920×1080P@30fps
- 20X optical zoom,f=4.7-94mm,256 preset, 8 cruise, 4 pattern
- ROI, WDR, 3DNR, Defog, EIS
- Voice Talkback, alarm input and output, TF card
- Onvif/RTSP/P2P/RTMP/HTTP push
- Support WEB/IMS
- RS232 control PTZ, PelcoD protocol, Network port,DC12V



2MP 30X

FS-630B

- Multiple face capture recognition at the same time
- Support 10000 face library
- Human-vehicle analysis (target counting/off-post /retrograde /electronic fence)
- Support three streams, 1920×1080P@30fps
- 30X optical zoom,f=4.5-135mm,256 preset, 8 cruise, 4 pattern
- ROI, WDR, 3DNR, Defog, EIS
- Voice Talkback, alarm input and output, TF card
- Onvif/RTSP/P2P/RTMP/HTTP push
- Support WEB/IMS
- RS232 control PTZ, PelcoD protocol, Network port,DC12V



5MP 30X

FS-8301

- Multiple face capture recognition at the same time
- Support 10000 face library
- Human-vehicle analysis (target counting/off-post /retrograde /electronic fence)
- Support three streams, 2592×1944@20fps/2592×1520@30fps
- 30X optical zoom,f=4.5-135mm
- 256 preset, 8 cruise, 4 pattern
- ROI, WDR, 3DNR, Defog, EIS
- Voice Talkback, alarm input and output, TF card
- Onvif/RTSP/P2P/RTMP/HTTP push
- Support WEB/IMS
- RS232 control PTZ, PelcoD protocol, Network port,DC12V



4MP 20X

FS-3202

- Multiple face capture at the same time
- Human-vehicle analysis (target counting/off-post /retrograde /electronic fence)
- Support three streams, 2592×1944@20fps/2592×1520@30fps
- 20X optical zoom,f=4.7-94mm
- 256 preset, 8 cruise, 4 pattern
- ROI, WDR, 3DNR, Defog, EIS
- Voice Talkback, alarm input and output, TF card
- Onvif/RTSP/P2P/RTMP/HTTP push
- Support WEB/IMS
- RS232 control PTZ, PelcoD protocol, Network port,DC12V



4K 30X 1/1.2"

FS-9301

- 1/1.2" SONY 8MP Exmor CMOS
- Illuminance color :0.001Lux/F1.4; B/W 0.0001Lux/F1.4
- Support 30x optical zoom
- Support structure capture analysis
- Support ROI, WDR, 3DNR, Defog, EIS
- Support ONVIF/ RTSP/P2P/RTMP/HTTP push
- Support WEB/IMS/P2P preview
- RS232 control PTZ, PelcoD protocol, Network port,DC12V



ECO

5MP 10X

FS-R783

- 5MP@30fps 10X IP Zoom Module
- Support IR/ white light/dual light
- Humanoid detection linkage voice alarm
- 10X Optical zoom, f=4.9mm-47mm
- ONVIF/RTMP/RTSP/HK/P2P
- Support MIC/ audio output
- Support RS485, TF card, reset
- Net port indicator, DC12V
- Optional alarm IO expansion board, POE board



ECO

5MP 4K 18X

FS-R784/R1074

- 8MP@20fps/5MP@30fps 18X IP Zoom Module
- Support IR/ white light/dual light
- Humanoid detection linkage voice alarm
- 18X Optical zoom, f=5.4mm-97.2mm
- ONVIF/RTMP/RTSP/HK/P2P
- Support MIC/ audio output
- Support RS485, TF card, reset
- Net port indicator, DC12V
- Optional alarm IO expansion board, POE board



ECO

30X 5MP 4K

FS-R785/R1085

- 8MP@20fps/5MP@30fps 30X IP Zoom Module
- Support IR/ white light/dual light
- Humanoid detection linkage voice alarm
- 30X Optical zoom, f=4.5mm-135mm
- ONVIF/RTMP/RTSP/HK/P2P
- Support MIC/ audio output
- Support RS485, TF card, reset
- Net port indicator, DC12V
- Optional alarm IO expansion board, POE board



3MP 5MP 20X

FS-WD-QK-7200E/820YC

- 5-inch IR Waterproof Speed Dome
- 3MP@30fps; 5MP@20fps/4MP@30fps
- 20x optical zoom
- f=5.4mm-97.2mm
- 220 preset, 8 cruise, 4 pattern
- Support 3D DNR, DWDR
- Onvif/RTSP/P2P/RTMP/HTTP push
- Smart IR distance up to 120m
- IP66,DC24V,Optional PoE



ECO

5"

3MP 5MP 20X 30X

FS-WD-QM-7200E/7300E/820YC/83C

- 7-inch IR Waterproof Speed Dome
- 3MP@30fps; 5MP@20fps/4MP@30fps
- 20x optical zoom; 30x optical zoom
- f=5.4mm-108mm, f=4.5mm-135mm
- 220 preset, 8 cruise, 4 pattern
- Support 3D DNR, DWDR
- Onvif/RTSP/P2P/RTMP/HTTP push
- Smart IR distance up to 150m
- IP66,DC24V,Optional PoE



ECO

7"

3MP 5MP 30X

FS-WD-QR-7300E/830YC

- 8-inch Laser Waterproof Speed Dome
- 3MP@30fps; 5MP@20fps/4MP@30fps
- 30x optical zoom
- f=4.5mm-135mm
- 220 preset, Support 8 cruise, support 4 pcs pattern
- Support 3D DNR, DWDR
- Onvif/RTSP/P2P/RTMP/HTTP push
- Smart IR distance up to 500m
- IP66,DC24V,Optional PoE



8"

3MP 5MP 20X 30X

FS-WD232C-6201/630B

- Multiple face recognition at the same time, automatic tracking
- Support 10000 face library
- Human-vehicle analysis (target counting/off-post/retrograde/electronic fence)
- Support three streams, 1920×1080P@30fps
- 20/30X optical zoom, f=4.7-94mm/4.5-135mm
- 256 preset, 8 cruise, 4 pattern
- ROI, WDR, 3DNR, Defog, EIS
- Voice Talkback, alarm input and output, TF card
- Onvif/RTSP/P2P/RTMP/HTTP push
- Smart IR, distance 150m
- IP66,DC24V/PoE



6"

2MP 4MP 20X 30X

FS-WD232C-3202

- Multiple face recognition at the same time, automatic tracking
- Support 10000 face library
- Human-vehicle analysis (target counting/off-post/retrograde/electronic fence)
- Support three streams, 1920×1080P@30fps
- 20/30X optical zoom, f=4.5-90mm/4.5-135mm
- 256 preset, 8 cruise, 4 pattern
- ROI, WDR, 3DNR, Defog, EIS
- Voice Talkback, alarm input and output, TF card
- Onvif/RTSP/P2P/RTMP/HTTP push
- Smart IR, distance 150m
- IP66,DC24V/PoE



6"

5MP 30X

FS-WD232C-8301

- Multiple face recognition at the same time, automatic tracking
- Support 10000 face library
- Human-vehicle analysis (target counting/off-post/retrograde/electronic fence)
- Support three streams, 2592×1944@20fps/2592×1520@30fps
- 30X optical zoom, f=4.5-135mm
- 256 preset, 8 cruise, 4 pattern
- ROI, WDR, 3DNR, Defog, EIS
- Voice Talkback, alarm input and output, TF card
- Onvif/RTSP/P2P/RTMP/HTTP push
- Smart IR, distance 150m
- IP66,DC24V/PoE



6"

2MP 10X

FS-WD262/WD652-6102

- Multiple face recognition at the same time, automatic tracking
- Support 10000 face library
- Human-vehicle analysis (target counting/off-post/retrograde/electronic fence)
- Support three streams, 1920×1080P@30fps
- 10X optical zoom, f=4.7-47mm
- 256 preset, 8 cruise, 4 pattern
- ROI, WDR, 3DNR, Defog, EIS
- Voice Talkback, alarm input and output, TF card
- Onvif/RTSP/P2P/RTMP/HTTP push
- WD262 IR distance 80m, WD652 non-IR
- IP66,DC24V/PoE



4"

8MP 31X

FS-WD272/WD212A-9310

- Multiple face recognition at the same time, automatic tracking
- Support 10000 face library
- Human-vehicle analysis (target counting/off-post/retrograde/electronic fence)
- Support three streams, 3840x2160@30fps
- 31X optical zoom, f=6.5-220mm
- 256 preset, 8 cruise, 4 pattern
- ROI, WDR, 3DNR, Defog, EIS
- Voice Talkback, alarm input and output, TF card
- Onvif/RTSP/P2P/RTMP/HTTP push
- Smart IR, distance 150m/Laser distance 500m
- IP66,DC12V



10"





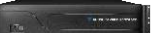



IR Laser

60X

HEAVY-DUTY PTZ









- 1/1.8"SONY 2MP Exmor CMOS
- Support three streams, 1920×1080P@30fps
- Illumination: Color: 0.002Lux@F1.6; W/B: 0.0005Lux@F1.6
- 60x optical zoom lens, auto ICR
- f=10mm-600mm, F1.55(W)-F5.0(T)
- Horizontal rotation: 360°, Vertical rotation: +10° ~ -60°
- 256 preset, 8 cruises
- ROI, WDR, 3DNR, Defog, EIS
- Onvif/RTSP/P2P/RTMP/HTTP push
- IP66,AC24V



Model	FS-RF6-01008M-4P	FS-RC7-02008K	FS-RC7-02016K	FS-R79-0136K	FS-R79-0164K	FS-R7A-16128K	FS-RG9-0864K	FS-RGA-16128K
Images								
Video Input	8-ch 5MP/ 3MP/ 2MP/ 960P	8-ch 4K/5MP/ 3MP/ 2MP/ 960P	16-ch 4K/5MP/ 3MP/ 2MP/ 960P	36-ch 4K/5MP/ 3MP/ 2MP/ 960P	64-ch 4K/5MP/ 3MP/ 2MP/ 960P	128-ch 4K/5MP/ 3MP/ 2MP/ 960P	64-ch 4K/5MP/ 3MP/ 2MP/ 960P	128-ch 4K/5MP/ 3MP/ 2MP/ 960P
Access Broadband	40 Mbps	80 Mbps	80 Mbps	216 Mbps	512 Mbps	512 Mbps	512 Mbps	512 Mbps
Video Output	1-ch HDMI, 1080P@60HZ 1-ch VGA, 1080P@60HZ	1-ch HDMI, 4KP@30HZ 1-ch VGA, 1080P@60HZ		2-ch HDMI, 4KP@30HZ 1-ch VGA, 1080P@60HZ	2-ch HDMI, 4KP@30HZ 1-ch VGA, 1080P@60HZ	2-ch HDMI, 4KP@30HZ 2-ch VGA, 1080P@60HZ	2-ch HDMI, 4KP@30HZ 1-ch VGA, 1080P@60HZ	2-ch HDMI, 4KP@30HZ 2-ch VGA, 1080P@60HZ
Audio Input	IPC Complex audio input							
Talkback	/ Two-way Talkback, RCA Port							
Sync Playback	1-ch 5MP&3MP, 4-ch 2MP&960P Max 8-ch Sub stream	1-ch 8MP Max 8-ch Sub stream	1-ch 8MP Max 16-ch Sub stream	4-ch 8MP, 9-ch 3MP Max 16-ch 2MP&960P	4-ch 8MP, 9-ch 3MP Max 16-ch 2MP&960P	4-ch 8MP, 9-ch 3MP Max 16-ch 2MP&960P	6-ch 8MP, 24-ch 2MP Max 24-ch 2MP&960P	
Alarm Input/Output	2/1	4/1		16/4		16/8		
HDD Capability	1 SATA(Max 8T)	2 SATA(Max 8T)		8 SATA(Max 8T)		16 SATA(Max 8T)		
Network Storage	/	IPSAN		IPSAN/NAS				
HDD Array Type	/		Raid0、 Raid1、 Raid5、 Raid6、 Raid10、 Hot spare					
ANR	Support, TF card for IPC							
Protocol	TCP/IP, HTTP, DDNS, SMTP, DHCP, PPPoE, UPNP, NTP, RTSP, RTP, ONVIF, P2P, HTTP push							
Smart	Support IPC SMART							
Interface	1*RJ45/1*RS485/2*USB			2*RJ45/1*RS485/3*USB				
PoE	4*POE RJ45	/						
Power Supply	DC48V/1.25A	DC12V/4A		AC220V				
Power Consumption	10W(Without HDD)			35W(Without HDD)				50W(Without HDD)
Operating Conditions	-10°C-55°C / 10%-90%							

NEW

NEW

Model	FS-RBB-01010K-AO	FS-RBB-01016K-AO	FS-RHC-02036K	FS-RHD-04036K	FS-RBB-01010K-2M	FS-RBC-02016K-2M	FS-RRD-04036K/ FS-RRD-04064K	FS-RRF-09036K/ FS-RRF-09064K	
Images									
Video Input	10-ch 8MP\5MP\3MP\2MP	16-ch 8MP\5MP\3MP\2MP	36-ch 8MP\5MP\3MP\2MP	36-ch 8MP\5MP\3MP\2MP	10-ch 8MP\5MP\3MP\2MP	16-ch 8MP\5MP\3MP\2MP	36/64-ch 8mp\5MP\3MP\2MP	36/64-ch 8mp\5MP\3MP\2MP	
Access Broadband	80 Mbps	80 Mbps	150 Mbps	150 Mbps	80 Mbps	150 Mbps	288M/512M	288M/512M	
Video Output	1-ch HDMI,4K@30HZ,1-ch VGA, 1080P@60HZ								
Audio Input	IPC Complex audio input								
Talkback	audio output,Optional Two-way Talkback			Two-way Talkback					
Sync Playback	1-ch 8MP\4-ch 2MP Max 9-ch Sub stream	1-ch 8MP\4-ch 2MP Max 16-ch Sub stream				4-ch 8MP 16-ch 2MP&960P			
Alarm Input/Output	/		4/2		/			4/2	
HDD Capability	1 SATA(Max 8T)	1 SATA(Max 8T)	2 SATA(Max 8T)	4 SATA(Max 8T)	1 SATA(Max 8T)	2 SATA(Max 8T)	4 SATA(Max 8T)	9 SATA(Max 8T)	
Network Storage	/						IP SAN		
HDD Array Type	/								
ANR	Support,TF card for IPC								
Protocol	TCP/IP,HTTP,DDNS,SMTP,DHCP,PPPOE,UPNP,NT,RTSP,RTMP,ONVIE,P2P,HTTP push								
Smart	Support IPC SMART								
Interface	1*RJ45/1*RS485/2*USB		1*RJ45/1*RS485/3*USB		2*RJ45/1*RS485/2*USB	2*RJ45/1*RS485/3*USB	2*RJ45/1*RS485/2*USB		
PoE	Optional 4/8*POE	Optional 16*POE	/						
Power Supply	DC48V/1.6A		DC12V/3A	DC12V/4A	DC12V/2A	DC12V/3A	DC12V/4A	AC100-220V	
Power Consumption	10W(Without HDD)							35W(Without HDD)	
Operating Conditions	-10°C-55°C / 10%-90%								

PROFESSIONAL IP CAMERA MODULE



Ambarella solution smart module (CV28S33M)

- Target Count/Electronic Fence/Retrograde/Off-site /Statistical statement
- Support MFZ lens,ROI,WDR
- Audio IO, Alarm IO, TF card
- Supports APP, IMS, and HTML5 browser
- Provides SDK and API



Ambarella solution Face capture module (CV28S33M)

- Built-in face capture algorithm
- Face detection auto exposure
- 60 faces at the same time
- Face detection pixels 16-300
- Pitch/around 30° can be captured
- Enter/leave/interval multiple optimal photo outputs



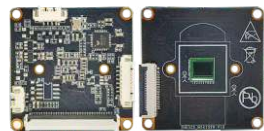
Hisilicon solution face capture module (3516DV300)

- Built-in face capture algorithm
- Face detection auto exposure
- 30 faces at the same time
- Face detection pixels 16-300
- Pitch/around 30° can be captured
- Enter/leave/interval multiple optimal photo outputs



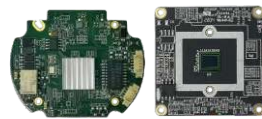
Hisilicon solution face recognition module (Hi3516DV300)

- Built-in face recognition algorithm
- Built-in 10,000/20,000 face library
- 30 faces at the same time
- Face detection pixels 16-300
- Pitch/around 30° can be captured
- Enter/leave/interval multiple optimal photo outputs



Ingenic solution smart module (T31N/T40)

- Built-in Electric bicycle and moped detection algorithm
- Humanoid detection, battery car detection
- Linkage sound/light alarm, Custom speech
- Audio IO, Alarm IO, TF card
- Supports APP, IMS, and HTML5 browser
- Provides SDK and API



Goke solution smart module (GK7202/GK7205)

- Built-in intelligent algorithm
- Target Count/Area Detection/Object Lost & left/Line Crossing Detection
- Support MFZ lens,WDR
- Audio IO, Alarm IO, TF card
- Supports APP, IMS, and HTML5 browser
- Provides SDK and API



Easy solution smart module (GK7202/GK7205)

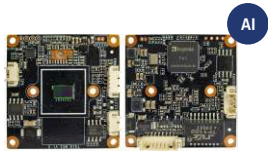
- Built-in face capture algorithm
- Face detection auto exposure
- 30 faces at the same time
- Face detection pixels 16-300
- Pitch/around 30° can be captured
- Enter/leave/interval multiple optimal photo outputs



Easy solution face recognition module (SV823)

- Built-in face recognition algorithm
- Built-in 5000 face library
- 10 faces at the same time
- Face detection pixels 16-300
- Pitch/around 30° can be captured
- Enter/leave/interval multiple optimal photo outputs

ECONOMICAL IP CAMERA MODULE



FS-BJ-32(T41LQ+GC4043)

- 4MP@30fps/4MP@25fps/3MP@30fps
- Support IR/ white light/dual light
- Area Invasion/Out-of-Bounds/Personnel Stay/ Off-site /Vehicle Illegal Parking/Retrograde
- ONVIF/RTMP/RTSP/HK/P2P
- Support MIC/ speaker
- Net port indicator, DC12V



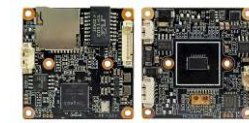
FS-U77B(T41LQ+GC5603)

- 5MP@30fps
- Support IR/ white light/dual light
- Humanoid detection sound and light alarm
- ONVIF/RTMP/RTSP/HK/P2P
- Support MIC/ speaker
- Net port indicator, DC12V



**FS-ZA77B(T31X+GC4653):5MP
FS-BL76B(T31N+GC4043):4MP**

- 5MP@20fps/4MP@25fps/3MP@30fps
- Support IR/ white light/dual light
- Humanoid detection sound and light alarm
- ONVIF/RTMP/RTSP/HK/P2P
- Support MIC/speaker
- Net port indicator, DC12V



**FS-ZA77G(T31X+GC4653):5MP
FS-ZA77G(T31X+GC4653):3MP**

- 5MP@20fps/4MP@30fps
- Support IR/white light/dual light
- Humanoid detection sound and light alarm
- ONVIF/RTMP/RTSP/HK/P2P
- Support MIC/speaker
- Net port indicator,TF card, DC12V



**FS-ZA64J(T31N+GC4053):3MP
FS-ZA77J(T31X+GC4653):5MP**

- 3MP@20fps/2MP@30fps
- Support IR/ white light/dual light
- Humanoid detection sound and light alarm
- ONVIF/RTMP/RTSP/HK/P2P
- Support MIC/ audio output, RS485
- Support IO/TF card /Wifi/4G expansion board



**FS-T107J(T40N+IMX415):Fixed lens
FS-T107E(T40N+IMX415):MFZ lens**

- 8MP@15fps
- Support IR/ white light/dual light
- Humanoid detection sound and light alarm
- ONVIF/RTMP/RTSP/HK/P2P
- Support MIC/ audio output, RS485
- Support IO/TF card /Wifi/4G expansion board



**FS-ZA64E(T31N+GC4053):3MP
FS-ZA77E(T31X+GC4653):5MP**

- Support MFZ lens;5MP@20fps/4MP@30fp
- Support IR/ white light/dual light
- Humanoid detection sound and light alarm
- ONVIF/RTMP/RTSP/HK/P2P
- Support MIC/ audio output, RS485
- Support IO/TF card /Wifi/4G expansion board



**FS-I55F(T31N+GC4053):Fixed lens
FS-I75E(T31X+GC4023):MFZ lens**

- 3MP@20fps/2MP@30fps
- Support IR/ white light/dual light
- Humanoid detection sound and light alarm
- ONVIF/RTMP/RTSP/HK/P2P
- Support MIC/speaker, PTZ motor interface
- Support reset /TF card /Wifi/Optional 4G module

ECONOMICAL IVR MODULE



FS-RB-01010K:1HDD
FS-RB-01016K:1HDD

- Support 4/8/10/16 CH (Smart IPC)
- Support 8MP video input,80M bandwidth
- Support H265/H264 decode
- Support multiple synchronous playback
- Support SMART IPC Intelligent detection function
- ONVIF/RTMP/RTSP/P2P/http push
- Support 1*SATA/HDMI/VGA/USB/Audio IO/RJ45
- Support optional 4/8/16 POE power module
- Net port indicator, DC12V



FS-RB-01010K-2M:1HDD/2*RJ45
FS-RB-01016K-2M:1HDD/2*RJ45

- Support 4/8/10/16 CH (Smart IPC)
- Support 8MP video input,80M bandwidth
- Support H265/H264 decode
- Support multiple synchronous playback
- Support SMART IPC Intelligent detection function
- ONVIF/RTMP/RTSP/P2P/http push
- Support 1*SATA/HDMI/VGA/USB/Audio IO/RJ45
- Net port indicator, DC12V



FS-RH-02036K:1G:2HDD
FS-RH-02016K:16P:2HDD

- Support 36 CH (Smart IPC)
- Support 8MP video input,80M bandwidth
- Support H265/H264 decode
- Support multiple synchronous playback
- Support SMART IPC Intelligent detection function
- ONVIF/RTMP/RTSP/P2P/http push
- Support 2*SATA/HDMI/VGA/USB/Audio IO/RJ45
- Support optional 16 POE power module
- Net port indicator, DC12V



RB-02010K-2M:2HDD/2*RJ45
RB-02016K-2M:2HDD/2*RJ45

- Support 4/8/10/16 CH (Smart IPC)
- Support 8MP video input,80M bandwidth
- Support H265/H264 decode
- Support multiple synchronous playback
- Support SMART IPC Intelligent detection function
- ONVIF/RTMP/RTSP/P2P/http push
- Support 2*SATA/HDMI/VGA/USB/Audio IO/RJ45
- Net port indicator, DC12V



FS-RH-04036K:1G:4HDD

- Support 36 CH (Smart IPC)
- Support 8MP video input,150M bandwidth
- Support H265/H264 decode
- Support multiple synchronous playback
- Support SMART IPC Intelligent detection function
- ONVIF/RTMP/RTSP/P2P/http push
- Support 4*SATA/HDMI/VGA/USB/Audio IO/RJ45
- Support optional 16 POE power module
- Net port indicator, DC12V



FS-RH-02036K-2G:4HDD/2*RJ45

- Support 36 CH (Smart IPC)
- Support 8MP video input,150M bandwidth
- Support H265/H264 decode
- Support multiple synchronous playback
- Support SMART IPC Intelligent detection function
- ONVIF/RTMP/RTSP/P2P/http push
- Support 4*SATA/HDMI/VGA/USB/Audio IO/RJ45
- Net port indicator, DC12V



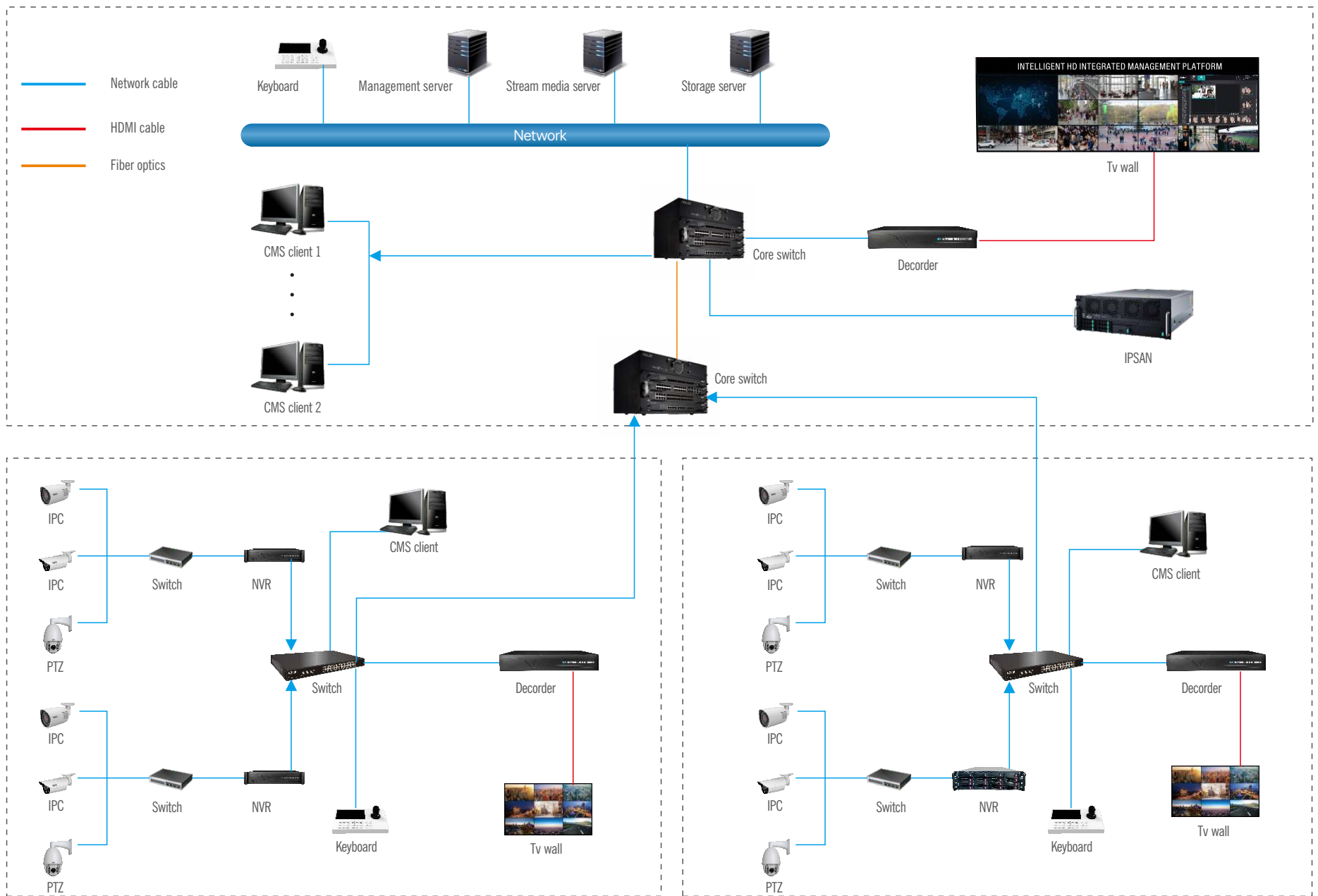
FS-RR-04036K:4HDD
FS-RR-04064K:4HDD

- Support 36/64 CH (Smart IPC)
- Support 8MP video input,288/512M bandwidth
- Support H265/H264 decode
- Support multiple synchronous playback
- Support SMART IPC Intelligent detection function
- ONVIF/RTMP/RTSP/P2P/http push
- Support 4*SATA/HDMI/VGA/USB/Audio IO/2*RJ45
- Net port indicator, DC12V



FS-RR-09036K:9HDD/2*RJ45
FS-RR-09064K:9HDD/2*RJ45

- Support 36/64 CH (Smart IPC)
- Support 8MP video input,288/512M bandwidth
- Support H265/H264 decode
- Support multiple synchronous playback
- Support SMART IPC Intelligent detection function
- ONVIF/RTMP/RTSP/P2P/http push
- Support 9*SATA/HDMI/VGA/USB/Audio IO/2*RJ45
- Net port indicator, AC220V



VIDEO SURVEILLANCE SYSTEM ARCHITECTURE



Shenzhen FSAN Intelligent Technology Co.,Ltd

* Design and specifications are subject to change without notice

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