



S2 2017

PRODUCT
SELECTION

CCTV



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S2 2017



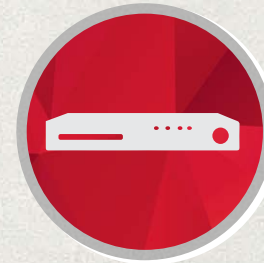
HD
OVER COAX
CAMERAS



CAMERAS
IP



xvR
5n 1



nvr
IP



accessories



SOFTWARE

4N1 CAMERAS

- 4N1 Cameras HDTVI, HDCVI, AHD & CVBS Sensor
- HD 1080p Resolution with Smart Features
- High sensitivity Starlight

5N1 DVR

- 5n1 Recorders HDTVI, HDCVI, CVBS, AHD & IP
- Resolution up to 5 Mpx
- New H.265+ Encoding










Bullet HDTVI Cameras

Model	Bullet HDTVI Cameras		
			
	CV022KIB-FTVI	CV022KWIB-FTVI	CV788ZKWIB-FTVI
Video output	HDTVI	HDTVI	HDTVI
Image sensor	2Mpx Hi-Performance CMOS	2Mpx Hi-Performance CMOS	2Mpx Hi-Performance CMOS
Resolution	1080p@25FPS	1080p@25FPS	1080p@25FPS
Lens	2.8 mm	2.8 mm	Motorised Zoom 2.8 - 12 mm
Vision angle	103°*	103°*	94°-25°*
Day / Night	ICR filter	ICR filter	ICR filter
Sensitivity	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR
IR Range	20m Smart LED IR	20m Smart Matrix LED	40m Smart Matrix LED
OSD menu	Control Over Coax	Control Over Coax	Control Over Coax
Dynamic range	-	WDR 120dB	WDR 120dB
Noise reduction	2D-NR	3D-NR	3D-NR
Power consumption	3.6W max (12VDC)	5.4W max (12VDC)	9W max (12VDC)
Protection level	IP66	IP66	IP66
Operating temperature	-40°C ~ +60°C	-40°C ~ +60°C	-40°C ~ +60°C
Dimensions	70 × 154 mm	58 × 60 × 155 mm	92 × 84.8 × 269.6 mm
Weight	300 g	290 g	720 g

* Horizontal | ** Diagonal

	Dome HDTVI Cameras			
Model				 <small>Additional in-ceiling accessory required</small> 
	DM942KIB-FTVI	DM942KWIB-FTVI	DM955ZKWIB-FTVI	DM935ZKWIB-FTVI
Video output	HDTVI	HDTVI	HDTVI	HDTVI
Image sensor	2Mpx Hi-Performance CMOS	2Mpx Hi-Performance CMOS	2Mpx Hi-Performance CMOS	2Mpx Hi-Performance CMOS
Resolution	1080p@25FPS	1080p@25FPS	1080p@25FPS	1080p@25FPS
Lens	2.8 mm	2.8 mm	Motorised Zoom 2.8 - 12 mm	Motorised Zoom 2.8 - 12 mm
Vision angle	103°*	103°*	114.5°-35.1°*	114.5°-35.1°*
Day / Night	ICR filter	ICR filter	ICR filter	ICR filter
Sensitivity	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR
IR Range	20m Smart LED IR	20m Smart Matrix LED	40m Smart Matrix LED	40m Smart Matrix LED
OSD menu	Control Over Coax	Control Over Coax	Control Over Coax	Control Over Coax
Dynamic range	-	WDR 120dB	WDR 120dB	WDR 120dB
Noise reduction	2D-NR	3D-NR	3D-NR	3D-NR
Power consumption	4.2W max (12VDC)	5.4W max (12VDC)	5.4W max (12VDC)	6.6W max (12VDC)
Protection level	IP66	IP66	IP66	IP66, IK10 Vandal-proof
Operating temperature	-40 °C ~ +60 °C	-40 °C ~ +60 °C	-40 °C ~ +60 °C	-40 °C ~ +60 °C
Dimensions	89.6 × 59.1 mm	110 × 93.2 mm	105 x 130 mm	125 × 140mm
Weight	340 g	350 g	400 g	1.6 Kg





* Horizontal |** Diagonal

	Speed Domes HDTVI Cameras						
Model							
	SD7C23-FTVI	SD7023-FTVI	SD7023-FTVI	SD6023I-FTVI	SD8030I-FTVI	SF-SD7030-FTVI	SF-SD8630IT-FTVI
Video output	HDTVI / CVBS		HDTVI / CVBS		HDTVI / CVBS		HDTVI / CVBS
Image sensor	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" progressive scan CMOS	
Resolution	1080p@25FPS		1080p@25FPS		1080p@25FPS		1080p@25FPS
Lens	4-92.0 mm (23X)		4-92.0 mm (23X)		4-120mm (30X)		4.5-135 mm (30X)
Vision angle (Wide-Tele)	49°-2.2°		49°-2.2°		58°-1.7°		65.1°-2.3°
Day / Night	ICR filter		ICR filter		ICR filter		ICR Filter
Min. Illumination	0.05Lux/F1.4 (Color) 0.01Lux/F1.4 (B/W)		0.05Lux / F1.4 (Color) 0.005Lux / F1.4 (B/W)		0.05Lux/F1.4 (Color) 0.005Lux/F1.4 (B/W)		0.02Lux / F1.4 (Color) 0.002Lux / F1.4 (B/W)
IR Range	-		-		Up to 120m		Up to 200m
Image processing	3D-NR / DWDR / EIS / Mask		3D-NR / DWDR / EIS / Mask		3D-NR / DWDR / EIS / Mask		3D-NR / WDR (120dB) / Mask
PTZ Range	Pan: 360° (Edless) Tilt: 0°~90° (Auto Flip) Optical zoom: 23X Digital zoom: 16X		Pan: 360°(Edless) Tilt: 0°~90° (Auto Flip) Optical zoom: 23X Digital zoom: 16X		Pan: 360° (Endless) Tilt: -15°~90° (Auto Flip) Optical zoom: 30X Digital zoom: 16X		Pan: 360° (Endless) Tilt: -5°~90° (Auto Flip) Optical zoom: 30X Digital zoom: 16X
PTZ Speed	Pan Preset Speed: 160°/s Tilt Preset Speed: 120°/s		Pan Preset Speed: 160°/s Tilt Preset Speed: 120°/s		Pan Preset Speed: 240°/s Tilt Preset Speed: 200°/s		Pan Preset Speed: 300°/s Tilt Preset Speed: 200°/s
Presets	256 (8 patrols, 4 patterns) 3D intelligent positioning		256 (8 patrols, 4 patterns) 3D intelligent positioning		256 (8 patrols, 4 patterns) 3D intelligent positioning		256 (10 patrols, 5 patterns) Auto-tracking
Control	RS485 / Up the Coax		RS485 / Up the Coax		RS485 / Up the Coax		RS485 / Control Over Coax
Alarms Input / Relay	2 / 1		2 / 1		-		-
Consumption / Power	18W max (24VAC)		18W max (24VAC)		30W max (24VAC)		45W max (24VAC)
Protection level	Ceiling Indoor		IP66		IP66		IP66, IK10
Operating temperature	-30°C - 65°C		-30°C - 65°C		-30° C ~ +65° C		-30° C ~ +65° C
Dimension	330 x 185 mm		330 x 185 mm		295 x 165 mm		354 x 220 mm
Weight	2 Kg		2 Kg		4.5 Kg		3 Kg

* Horizontal |** Diagonal

Bullet 4N1 Cameras					
Model					
	SF-CV022IB-F4N1	SF-CV029I(B)-F4N1	SF-CV033KIB-F4N1	SF-CV788VIB-F4N1	SF-CV133VKIB-F4N1
Video output	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS
Image sensor	2Mpx High Performance CMOS	2Mpx High Performance CMOS	2Mpx High Performance CMOS	2Mpx High Performance CMOS Starlight	2 Mpx High-Performance CMOS
Resolution	1080p@25FPS	1080p@25FPS	1080p@25FPS	1080p@25FPS	1080p@25FPS
Lens	2.8mm	3.6mm	3.6mm	2.8~12mm	2.8~12mm
Vision angle	103**	82**	70***	102° ~ 32***	120° ~ 32***
Day / Night	ICR Filter	ICR Filter	ICR Filter	ICR Filter	ICR Filter
Min. Illumination	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR
IR Range	20m Smart LED IR	20m Smart LED IR	20m SMD LED IR	40m Smart LED IR	30m SMD LED IR
OSD menu	Control Over Coax	Control Over Coax	Control Over Coax	Control Over Coax	Control Over Coax
Dynamic range	-	-	DWDR	DWDR	DWDR
Noise reduction	2D-NR	2D-NR	3D-NR	2D-NR	3D-NR
Consumption / Power	4W max (12VDC)	4W max (12VDC)	4.2W max (12VDC)	4W max (12VDC)	5.8W max (12VDC)
Protection level	IP66	IP66	IP66	IP66	IP66
Operating temperature	-10° C ~ +60° C	-40° C ~ +60° C	-10° C ~ +50° C	-40° C ~ +60° C	-10° C ~ +50° C
Dimension	154.5 x 70 mm	154.5 x 70 mm	160 x 70 mm	92 x 84.8 x 269.6 mm	215 x 75 mm
Weight	400 g	400 g	330 g	900 g	630 g






* Horizontal |** Diagonal







	Bullet 4N1 Cameras				
Model					
	SF-CV133ZFIB-F4N1	SF-CV233ZFIB-F4N1	SF-CV788ZWIB-F4N1	CV620VSZIB-F4N1	CV948VSZIB-F4N1
Video output	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS
Image sensor	2Mpx High Performance Sony© Exmor	2Mpx High Performance Sony© Exmor	2Mpx High Performance CMOS	2Mpx High Performance Sony© Starlight	2 Mpx High Performance Sony© Starlight
Resolution	1080p@25FPS	1080p@25FPS	1080p@25FPS	1080p@25FPS	1080p@25FPS
Lens	Motorised lens 2.8~12mm	Motorised lens 2.8~12mm	Motorised lens 2.8~12mm	Motorised lens 2.8~12mm	Motorised lens 2.8~12mm
Vision angle	120° ~ 32°**	120° ~ 32°**	94° ~ 24°**	94° ~ 24°**	94° ~ 24°**
Day / Night	ICR Filter	ICR Filter	ICR Filter	ICR Filter	ICR Filter
Min. Illumination	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.005 Lux / 0 Lux with IR	0.005 Lux / 0 Lux with IR	0.005 Lux / 0 Lux with IR
IR Range	30m SMD LED IR	40m ARRAY LED	40m Smart Matrix LED	50m Smart LED IR	50m Smart LED IR
OSD menu	Control Over Coax	Control Over Coax	Control Over Coax	Control Over Coax	Control Over Coax
Dynamic range	DWDR	DWDR	WDR (120 dB)	WDR	WDR
Noise reduction	3D-NR	3D-NR	3D-NR	3D-NR	3D-NR
Consumption / Power	6W max (12VDC)	7.2W max (12VDC)	9W max (12VDC)	5.4W max (12VDC)	5.4W max (12VDC)
Protection level	IP66	IP66	IP67	IP66	IP66
Operating temperature	-10° C ~ +50° C	-10° C ~ +50° C	-40° C ~ +60° C	-10° C ~ +60° C	-10° C ~ +60° C
Dimension	215 x 75 mm	265 x 105 mm	92 x 84.8 x 269.6 mm	270 x 80 mm	250 x 140mm
Weight	630 g	1 Kg	900 g	650 g	1 Kg






* Horizontal |** Diagonal








	Dome 4N1 Cameras						
Model							
Video Output	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS	HDTVI, HDCVI, AHD & CVBS
Image sensor	2Mpx High Performance CMOS	2Mpx High Performance CMOS	2Mpx High Performance CMOS	2Mpx High Performance CMOS	2Mpx High Performance CMOS	2Mpx High Performance CMOS	2 Mpx High Performance Sony Starlight
Resolution	1080p@25FPS	1080p@25FPS	1080p@25FPS	1080p@25FPS	1080p@25FPS	1080p@25FPS	1080p@25FPS
Lens	2.8mm	2.8mm	3.6mm	3.6mm	2.8~12mm	2.8~12mm	Motorised lens 2.8~12mm
Vision angle	103°*	103°*	82°*	76°**	102° ~ 32°**	102° ~ 32°**	94° ~ 24°*
Day / Night	ICR Filter	ICR Filter	ICR Filter	ICR Filter	ICR Filter	ICR Filter	ICR Filter
Min. Illumination	0.1 Lux / 0 Lux with IR	0.1 Lux / 0 Lux with IR	0.1 Lux / 0 Lux with IR	0.1 Lux / 0 Lux with IR	0.1 Lux / 0 Lux with IR	0.1 Lux / 0 Lux with IR	0.1 Lux / 0 Lux with IR
IR Range	20m Smart LED IR	40m Smart Matrix LED	20m Smart LED IR	20m SMD LED IR	30m SMD LED IR	40m Smart LED IR	50m Smart LED IR
OSD menu	Control Over Coax	Control Over Coax	Control Over Coax	Control Over Coax	Control Over Coax	Control Over Coax	Control Over Coax
Dynamic range	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	WDR
Noise reduction	2D-NR	2D-NR	2D-NR	3D-NR	3D-NR	2D-NR	3D-NR
Consumption / Power	4W max (12VDC)	4W max (12VDC)	4W max (12VDC)	3.6W max (12VDC)	5.8W max (12VDC)	4W max (12VDC)	6W max (12VDC)
Protection level	IP66	IP66	IP66	IP65	IP65	IP66	IP66
Operating temperature	-40° C ~ +60° C	-40° C ~ +60° C	-40° C ~ +60° C	-10° C ~ +50° C	-10° C ~ +50° C	-40° C ~ +60° C	-10° C ~ +60° C
Dimensions	89.47 x 67.6 mm	93.2 x 110 mm	89.47 x 67.6 mm	80 x 114 mm	100 x 140mm	102.4 x 130.5 mm	105 x 130mm
Weight	340 g	350 g	340 g	280 g	680 g	710 g	500 g

* Horizontal |** Diagonal

DVR Serie 3							
Model							
	HTVR3104M	HTVR3104	HTVR3104A	HTVR3108	HTVR3108A	HTVR3116	HTVR3116A
Video standard	HDTVI/HDCVI/AHD/CVBS	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP
Video input	4ch BNC	4ch BNC + 1ch IP	4ch BNC + 1ch IP	8ch BNC + 2ch IP	8ch BNC + 2ch IP	16ch BNC + 2ch IP	16ch BNC + 2ch IP
Recording resolution	1080p Lite / 720p@25FPS	1080p Lite / 720p@25FPS	1080p Lite / 720p@25FPS	1080p Lite / 720p@25FPS	1080p Lite / 720p@25FPS	1080p Lite / 720p@25FPS	1080p Lite / 720p@25FPS
Video compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264
Video outputs	HDMI/VGA	HDMI/VGA	HDMI/VGA	HDMI/VGA	HDMI/VGA	HDMI/VGA	HDMI/VGA
Display	1080p (1920 × 1080)	1080p (1920 × 1080)	1080p (1920 × 1080)	1080p (1920 × 1080)	1080p (1920 × 1080)	1080p (1920 × 1080)	1080p (1920 × 1080)
Audio compression	G.711u	G.711u	G.711u	G.711u	G.711u	G.711u	G.711u
Audio input/output	1/1	1/1	4/1	1/1	4/1	1/1	1/1
Alarm input/relay	-	-	4/1	-	4/1	-	4/1
Video analysis	Intrusion detection / Line crossing Audio exception	Intrusion detection / Line crossing Audio exception	Intrusion detection / Line crossing Audio exception	Intrusion detection / Line crossing Audio exception	Intrusion detection / Line crossing Audio exception	Intrusion detection / Line crossing Audio exception	Intrusion detection / Line crossing Audio exception
Network interface	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps
Data	Up the coax control	Up the coax control	Up the coax control	Up the coax control	Up the coax control	Up the coax control	Up the coax control
Hard disk	1 SATA x 6TB	1 SATA x 6TB	1 SATA x 6TB	1 SATA x 6TB	1 SATA x 6TB	1 SATA x 6TB	1 SATA x 6TB
USB interface	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Consumption / Power	12 VDC 1.5A	12 VDC 1.5A	12 VDC 1.5A	12 VDC 1.5A	12 VDC 1.5A	12 VDC 1.5A	12 VDC 1.5A
Dimensions	200 × 200 × 45 mm	260 × 222 × 45 mm	260 × 222 × 45 mm	260 × 222 × 45 mm	260 × 222 × 45 mm	260 × 222 × 45 mm	260 × 222 × 45 mm
Weight	800 g	1 Kg	1 Kg	1 Kg	1 Kg	1.2 Kg	1.2 Kg

DVR Serie 6						
Model						
	HTVR6104	HTVR6104A	SF-HTVR6104A-HEVC	HTVR6108	HTVR6108A	SF-HTVR6108A-HEVC
Video standard	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP
Video input	4ch BNC + 1ch IP	4ch BNC + 1ch IP	4ch BNC + 1ch IP	8ch BNC + 2ch IP	8ch BNC + 2ch IP	8ch BNC + 2ch IP
Recording resolution	3Mpx (1Ch)/1080p@12FPS 3Mpx (1Ch) / 1080p Lite / 720p@25FPS	3Mpx (1Ch)/1080p@12FPS 3Mpx (1Ch) / 1080p Lite / 720p@25FPS	3Mpx (1Ch)/1080p@12FPS 3Mpx (1Ch) / 1080p Lite / 720p@25FPS	3Mpx (2Ch)/1080p@12FPS 3Mpx (2Ch) / 1080p Lite / 720p@25FPS	3Mpx (2Ch)/1080p@12FPS 3Mpx (2Ch) / 1080p Lite / 720p@25FPS	3Mpx (1Ch)/1080p@12FPS 3Mpx (1Ch) / 1080p Lite / 720p@25FPS
Video compression	H.264+/H.264	H.264+/H.264	H.264+/H.264/H.265+/H.265	H.264+/H.264	H.264+/H.264	H.264+/H.264/H.265+/H.265
Video outputs	HDMI/VGA/BNC Spot	HDMI/VGA/BNC Spot	HDMI/VGA	HDMI/VGA/BNC Spot	HDMI/VGA/BNC Spot	HDMI/VGA
Display	1080p (1920 × 1080)	1080p (1920 × 1080)	1080p (1920 × 1080)	1080p (1920 × 1080)	1080p (1920 × 1080)	1080p (1920 × 1080)
Audio compression	G.711u	G.711u	G.711u	G.711u	G.711u	G.711u
Audio input/output	1/1	1/1	4/1	1/1	1/1	4/1
Alarm input/relay	-	4/1	4/1	-	8/4	4/1
Video analysis	Intrusion detection / Line crossing Audio exception	Intrusion detection / Line crossing Audio exception	Intrusion detection / Tripwire Audio exception	Intrusion detection / Line crossing Audio exception	Intrusion detection / Line crossing Audio exception	Intrusion detection / Tripwire Audio exception
Network interface	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps
Data	Up the coax, RS485	Up the coax, RS485	Up the coax, RS485	Up the coax, RS485	Up the coax, RS485	Up the coax, RS485
Hard disk	1 SATA x 6TB	1 SATA x 6TB	1 SATA x 6TB	1 SATA x 6TB	1 SATA x 6TB	1 SATA x 6TB
USB interface	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Consumption / Power	12 VDC 1.5 A	12 VDC 1.5 A	12 VDC 1.5 A	12 VDC 1.5 A	12 VDC 1.5 A	12 VDC 1.5 A
Dimensions	315 × 242 × 45 mm	315 × 242 × 45 mm	315 × 242 × 45 mm	315 × 242 × 45 mm	315 × 242 × 45 mm	315 × 242 × 45 mm
Weight	2 Kg	2 Kg	1.2 Kg	2 Kg	1.8 Kg	1.7 Kg

DVR Serie 6					
Model					
	HTVR6116	HTVR6116A	SF-HTVR6116A-HEVC	HTVR6424A	HTVR6432A
Video standard	HDTV/HDCVI/AHD/CVBS/IP	HDTV/HDCVI/AHD/CVBS/IP	HDTV/HDCVI/AHD/CVBS/IP	HDTV/CVBS/IP	HDTV/CVBS/IP
Video input	16ch BNC + 2ch IP	16ch BNC + 2ch IP	16ch BNC + 2ch IP	24ch BNC + 8ch IP (Up 32ch IP)	32ch BNC - 8ch IP (Up 32ch IP)
Recording resolution	3Mpx (4Ch)/1080p@12FPS 3Mpx (4Ch) / 1080p Lite / 720p@25FPS	3Mpx (4Ch)/1080p@12FPS 3Mpx (4Ch) / 1080p Lite / 720p@25FPS	3Mpx (4Ch)/1080p@12FPS 3Mpx (4Ch) / 1080p Lite / 720p@25FPS	1080p@12FPS 720p@25FPS	1080p@12FPS 720p@25FPS
Video compression	H.264+/H.264	H.264+/H.264/	H.264+/H.264/H.265/H.265+	H.264	H.264
Video outputs	HDMI/VGA/BNC Spot	HDMI/VGA/BNC Spot	HDMI/VGA	HDMI/VGA	HDMI/VGA
Display	HDMI: (4K) 3840 x 2160/30Hz Max VGA: 2560 x 1440/60Hz Max	HDMI:(4K) 3840 x 2160/30Hz Max VGA: 2560 x 1440/60Hz Max	HDMI: (4K) 3840 x 2160/30Hz Max VGA: 1920x1080/60Hz Max	HDMI: (1080p) 1920x1080/60Hz Max VGA: 1920x1080/60Hz Max	HDMI: (1080p) 1920x1080/60Hz Max VGA: 1920x1080/60Hz Max
Audio compression	G.711u	G.711u	G.711u	G.711u	G.711u
Audio input/output	1/1	1/1	1/1	4/1	4/1
Alarm/Relay	-	4/1	4/1	16/4	16/4
Video analysis	Intrusion detection / Line crossing Audio exception	Intrusion detection / Line crossing Audio exception	Intrusion detection / Tripwire Audio exception	Intrusion detection / Line crossing Audio exception	Intrusion detection / Line crossing Audio exception
Network interface	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100/1000 Mbps	RJ45 10/100/1000 Mbps
Data	Up the coax, RS485	Up the coax, RS485	Up the coax, RJ45, RS485	Up the coax, RS485, RS232	Up the coax, RS485, RS232
Hard disk	1 SATA x 6TB	1 SATA x 6TB	1 SATA x 6TB	4 SATA x 6TB + 1 eSATA	4 SATA x 6TB
USB interface	1 x USB 2.0 + 1 x USB 3.0	1 x USB 2.0 + 1 x USB 3.0	1 x USB 2.0 + 1 x USB 3.0	3 x USB 2.0	3 x USB 2.0
Consumption / Power	12 VDC 3.33 A	12 VDC 3.33 A	12 VDC 3.33 A	AC 100~240 V 4 A	AC 100~240 V 4 A
Dimensions	315 x 242 x 45 mm	315 x 242 x 45 mm	315 x 242 x 45 mm	445 x 390 x 70 mm	440 x 383 x 70 mm
Weight	2 Kg	2 Kg	2 Kg	5 Kg	5 Kg

DVR Serie 8							
Model							
	SF-HTVR8104A-5M	SF-HTVR8104A-HEVC	SF-HTVR8108A-5M	SF-HTVR8108A-HEVC	SF-HVR8216A	SF-HTVR8216A-5M	SF-HTVR8216-HEVC
Video standard	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI/HDCVI/AHD/CVBS/IP	HDTVI, HDCVI, AHD, CVBS & IP
Video input	4ch BNC + 2ch IP	4ch BNC + 2ch IP	8ch BNC + 2ch IP	8ch BNC + 2ch IP	16ch BNC + 2ch IP	16ch BNC + 2ch IP	16ch BNC + 2ch IP
Recording resolution	5 Mpx@10FPS / 4Mpx@15FPS / 3Mpx@15FPS / 1080p@25FPS	5 Mpx@12FPS / 4Mpx@15FPS / 3Mpx@18FPS / 1080p@25FPS	5 Mpx@10FPS / 4Mpx@15FPS / 3Mpx@15FPS / 1080p@25FPS	5 Mpx@12FPS / 4Mpx@15FPS / 3Mpx@18FPS / 1080p@25FPS	3 Mpx@12FPS / 1080p@25FPS	5 Mpx@10FPS / 4Mpx@15FPS / 3Mpx@15FPS / 1080p@25FPS	5 Mpx@12FPS / 4 Mpx@15FPS / 3Mpx@18FPS / 1080p@25FPS
Video compression	H.264+/H.264	H.264+/H.264/H.265+/H.265	H.264+/H.264	H.264+/H.264/H.265+/H.265	H.264+/H.264	H.264+/H.264	H.264+/H.264/H.265+/H.265
Video outputs	HDMI/VGA	HDMI/VGA	HDMI/VGA	HDMI/VGA	HDMI/VGA	HDMI/VGA	HDMI/VGA
Display	HDMI: (1080P) 1920x1080/60Hz Max VGA: 1920x1080/60Hz Max	HDMI: (4K) 1920x1080/60Hz Max VGA: 1920x1080/60Hz Max	HDMI: (4K) 3840x2160/30Hz Max VGA: 1920x1080/60Hz Max	HDMI: (4K) 3840 x 2160/30Hz Max VGA: 1920x1080/60Hz Max	HDMI: (4K) 3840 x 2160/30Hz Max VGA: 2560 x 1440/60Hz Max	HDMI: (4K) 3840 x 2160/30Hz Max VGA: 1920x1080/60Hz Max	HDMI: (1080p)1920x1080/60Hz Max VGA: 1920x1080/60Hz Max
Audio compression	G.711u	G.711u	G.711u	G.711u	G.711u	G.711u	G.711u
Audio input/output	4/1	4/1	4/1	4/1	4/1	4/1	4/1
Alarm/Relay	4/1	4/1	8/4	8/4	8/4	16/4	16/4
Video analysis	Intrusion detection / Tripwire Audio exception	Intrusion detection / Tripwire Audio exception	Intrusion detection / Tripwire Audio exception	Intrusion detection / Tripwire Audio exception	Intrusion detection / Tripwire Audio exception	Intrusion detection / Tripwire Audio exception	Intrusion detection / Tripwire Audio exception
Network interface	RJ45 10/100/1000 Mbps	RJ45 10/100 Mbps	RJ45 10/100/1000 Mbps	RJ45 10/100/1000 Mbps	RJ45 10/100/1000 Mbps	RJ45 10/100/1000 Mbps	RJ45 10/100/1000 Mbps
Data	Up the coax, RS485	Up the coax, RS485	Up the coax, RS485	Up the coax, RS485	Up the coax, RS485	Up the coax, RS485	Up the coax, RS485
Hard disk	1 SATA x 6TB	1 SATA x 8TB	1 SATA x 6TB	1 SATA x 8TB	2 SATA x 6TB	2 SATA x 6TB	2 SATA x 6TB
USB interface	2 x USB 2.0	2 x USB 2.0	1 x USB 2.0 + 1 x USB 3.0	2 x USB 2.0	1 x USB 2.0 / 1 x USB 3.0	2 x USB 2.0	1 x USB 2.0 + 1 x USB 3.0
Consumption / Power	12 VDC 1.25A	12 VDC 0.8A	12 VDC 1.6A	12 VDC 1.6A	12 VDC 1.6A	12 VDC 2A	12 VDC 2A
Dimensions	315 x 242 x 45 mm	315 x 242 x 45 mm	45 x 315 x 242 mm	315 x 242 x 45 mm	380 x 320 x 48 mm	380 x 320 x 48 mm	385 x 320 x 48 mm
Weight	1.5 Kg	1.2 Kg	2 Kg	2 Kg	2 Kg	2 Kg	2 Kg

IP CAMERAS

- New | Plate recognition
Ultra-low Light
Fisheye
- Up to 12Mpx with WDR & 3D-NR

IP NVR

- Up to 4K resolution
- Incoming bandwidth 16Mbps
- H.265 / High decoding capabilities



	Mini IP Camera	Home IP Cameras		
Model				
	IPMC101-20	SF-IPSD110-2WAI	SF-IPCU202-1WI	SF-IPCU202W-1WI
Image sensor	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS
Resolution	1Mpx@25FPS	1Mpx@25FPS	2Mpx@25FPS	2Mpx@25FPS
Video compression	H.264	H.264	H.264	H.264+ / H.264
Lens	3.6mm	2.8 mm	2.8 mm	2.8 mm
Vision angle	82°**	94°	94°*	115.4°*
Day / Night	ICR filter	ICR filter	ICR filter	ICR filter
Min. Illumination	Color 0.01 Lux / B/W 0.01	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR
IR Range	-	10m LED IR	10m LED IR	10 m LED IR
Image processing	3D-NR/WDR (100dB)/ROI	3D-NR/DWDR/BLC/ROI Real PIR Sensor 80°/10m	3D-NR/DWDR/BLC/ROI Real PIR Sensor 80°/10m	3D-NR/WDR/ROI Real PIR Sensor 80°/10m
Video analysis	Intrusion detection / Tripwire	Intrusion detection / Tripwire	Intrusion detection / Tripwire	Intrusion detection / Tripwire
Audio / Alarm	-	Audio & Alarm	Audio & Alarm	Audio & Alarm
Wi-Fi	-	IEEE802.11b/g/n	IEEE802.11b/g/n	IEEE802.11b/g/n
SD card storage	-	Up to 128GB Micro SD with ANR	Up to 128GB Micro SD	Up to 128GB Micro SD
Consumption / Power	3.6W max (12VDC)	7W max (5VDC)	6W max (12VDC)	6W max (12VDC)
Power Over Ethernet	-	-	PoE IEEE802.3af	PoE IEEE802.3af
Protection level	Indoor	Indoor	Indoor	Indoor
Operating temperature	-10° C ~ +45° C	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C
Dimensions	41.8 x 37.3 x 25 mm	124 x 101 mm	108 x 66 x 42 mm	108 x 66 x 42 mm
Weight	95 g	300 g	400 g	400 g

* Horizontal | ** Diagonal

	Bullet IP Cameras					
Model						
	SF-IPC025-2	SF-IPC025-4	SF-IPC023-3W	SF-IPC688W-4	SF-IPC024W-4	SF-IPC788ZW-2
Image sensor	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS Starlight
Resolution	2Mpx@25FPS	4Mpx@20FPS	3Mpx@15FPS	4Mpx@20FPS	4Mpx@20FPS	2Mpx@25FPS
Video compression	H.264+ / H.264	H.264+ / H.264	H.264	H.264+ / H.264	H.264+ / H.264	H.264+ / H.264
Lens	2.8mm	2.8mm	4mm	4mm	4mm	Motorised lens 2.8~12mm Autoliris
Vision angle	105.8°*	105.8°*	75.8°*	82°*	82°*	90.1° - 31°*
Day / Night	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter
Min. Illumination	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.028 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.002 Lux / 0 Lux with IR
IR Range	30m Smart Matrix LED	30m Smart Matrix LED	30m Smart LED IR	50 m Smart Matrix LED	30m Smart LED IR	30m Smart Matrix LED
Image processing	3D-NR/DWDR/BLC/ROI	3D-NR/DWDR/BLC/ROI	3D-NR/DWDR/BLC/ROI	3D-NR/WDR (120dB)/BLC/ROI	3D-NR/WDR (120dB)/BLC/ROI	3D-NR/WDR (120dB)/BLC/ROI
Video analysis	Intrusion detection / Tripwire	Intrusion detection / Tripwire	Intrusion detection / Tripwire	Intrusion detection / Tripwire	Intrusion detection / Line crossing	Intrusion detection / Tripwire
Audio / Alarm	-	-	-	-	-	Audio & Alarm
Wi-Fi	-	-	IEEE802.11b/g/n	-	-	-
SD card storage	-	-	-	-	-	Up to 128GB Micro SD
Consumption / Power	5W max (12VDC)	5W max (12VDC)	6W max (12VDC)	7.5W max (12VDC)	5W max (12VDC)	12W max (12VDC)
Power Over Ethernet	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af
Protection level	IP67	IP67	IP66	IP67	IP67	IP67
Operating temperature	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C
Dimensions	69 × 66 × 173 mm	69 × 66 × 173 mm	140 x 61 mm	80 x 87 mm	154 x 70 mm	311 x 104 mm
Weight	500 g	500 g	500 g	1.2 Kg	500 g	2 Kg







* Horizontal |** Diagonal

Bullet IP Cameras					
Model					
	SF-IPCV788ZW-2LPR	SF-IPCV786ZW-2	SF-IPCV789ZW-2	SF-IPCV786ZW-4	SF-IPCV789ZW-4
Image sensor	Hi-Performance CMOS Starlight	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS
Resolution	2Mpx@25FPS	2Mpx@25FPS	2Mpx@25FPS	4Mpx@20FPS	4Mpx@20FPS
Video compression	H.264+ / H.264	H.264+ / H.264	H.264+ / H.264	H.264+ / H.264	H.264+ / H.264
Lens	Motorised lens 2.8~12mm Autoliris	Motorised lens 2.8~12mm	Motorized lens 2.8 - 12 mm	Motorized lens 2.8 - 12 mm	Motorized lens 2.8 - 12 mm
Vision angle	90.1° - 31°*	100° ~ 35°*	106° ~ 35°*	108° ~ 31°*	108° ~ 31°*
Day / Night	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter
Min. Illumination	0.002 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.014 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR
IR Range	30m Smart Matrix LED	30m Smart LED IR	30m Smart LED IR	30m Smart LED IR	30m Smart LED IR
Image processing	3D-NR/WDR (120dB)/BLC/ROI	3D-NR/WDR (120dB)/BLC	3D-NR/WDR (120dB)/BLC/ROI	3D-NR/WDR (120dB)/BLC	3D-NR/WDR (120dB)/BLC/ROI
Video analysis	License Plate Recognition Intrusion detection / Tripwire	Intrusion detection / Tripwire	Intrusion detection / Line crossing	Intrusion detection / Tripwire	Intrusion detection / Line crossing
Audio / Alarm	Audio & Alarm	-	Audio & Alarm	-	Audio & Alarm
Wi-Fi	-	-	-	-	-
SD card storage	Up to 128GB Micro SD	Up to 128GB Micro SD	Up to 128GB Micro SD with ANR	Up to 128GB Micro SD	Up to 128GB Micro SD with ANR
Consumption / Power	12W max (12VDC)	5.5W max (12VDC)	7.5W max (12VDC)	5.5W max (12VDC)	6W max (12VDC)
Power Over Ethernet	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af
Protection level	IP67	IP67	IP67	IP67	IP67
Operating temperature	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C
Dimensions	311 × 104 mm	91.6 × 105 × 294.5 mm	259 × 105 mm	295 × 105 mm	259 × 105 mm
Weight	2 Kg	1.2 Kg	1.2 Kg	1.2 Kg	1.2 Kg

* Horizontal |** Diagonal

	Dome IP Cameras						
Model							
	SF-IPDM943-2	SF-IPDM934-2W	SF-IPDM934-3W	SF-IPDM943-4	SF-IPDM809W-4W	SF-IPDM943W-5	SF-IPDM855ZW-2
Image sensor	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS
Resolution	2Mpx@25FPS	2Mpx@25FPS	3Mpx@20FPS	4Mpx@20FPS	4Mpx@20FPS	5Mpx@20FPS	2Mpx@25FPS
Video compression	H.264+ / H.264	H.264	H.264	H.264+ / H.264	H.264+ / H.264	H265+ / H265 / H264+ / H264	H.264+ / H.264
Lens	2.8mm	2.8mm	2.8mm	2.8mm	2.8mm	2.8mm	Motorised lens 2.8~12mm
Vision angle	95°*	94°*	105°*	105.8°*	106°*	81°*	90°~35°*
Day / Night	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter
Min. Illumination	0.01 Lux 0 Lux with IR	0.01 Lux 0 Lux with IR	0.01 Lux 0 Lux with IR	0.01 Lux 0 Lux with IR	0.01 Lux 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR
IR Range	30m Smart Matrix LED	30m Smart LED IR	30m Smart LED IR	30m Smart Matrix LED	10m Smart LED IR	30m Matrix LED IR	30m Smart Matrix LED
Image processing	3D-NR/DWDR/BLC	3D-NR/DWDR/BLC/ROI	3D-NR/DWDR/BLC/ROI	3D-NR/DWDR/BLC	3D-NR/WDR (120dB)/ BLC/ROI	3D-NR/WDR (120dB)/ BLC/ROI	3D-NR/WDR (120dB)/ BLC
Video analysis	Intrusion detection Tripwire	Intrusion detection Tripwire	Intrusion detection Line crossing	Intrusion detection Tripwire	Intrusion detection Tripwire	Intrusion detection / Tripwire	Intrusion detection / Tripwire
Audio / Alarm	-	-	-	-	Audio & Alarm	-	-
Wi-Fi	-	IEEE802.11b/g/n	IEEE802.11b/g/n	-	IEEE802.11b/g/n	-	-
SD card storage	-	Up to 64GB Micro SD	-	-	Up to 128GB Micro SD	Up to 128GB Micro SD	-
Power supply / Consumption	4W max (12VDC)	7W max (12VDC)	5.5W max (12VDC)	6.5W max (12VDC)	5W max (12VDC)	4.5W max (12VDC)	8.5W max (12VDC)
Power Over Ethernet	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af
Protection level	IP67	IP66, IK10	IP67, IK10	IP67	IP67, IK08	IP67	IP67
Operating temperature	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C
Dimension	70 x 85.5 mm	111 x 82mm	90 x 130mm	93.2 x 110 mm	99 x 96 x 53 mm	96 x 127 mm	102.4 x 130.5 mm
Weight	350 g	500 g	500 g	570 g	600 g	620 g	485 g


* Horizontal |** Diagonal

Dome IP Cameras								
Model								
	SF-IPDM938ZW-2	SF-IPDM935ZW-2	SF-IPDM855ZW-4	SF-IPDM935ZW-4	SF-IPDM360-4	SF-IPDM360W-5	SF-IPDM360-6	SF-IPDM360-12
Image sensor	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS	Hi-Performance CMOS
Resolution	2Mpx@25FPS	2Mpx@25FPS	4Mpx@20FPS	4Mpx@20FPS	4Mpx@12.5FPS	5Mpx@25FPS	6Mpx@25FPS	12Mpx@20FPS
Video compression	H.264+ / H.264 / H.265+ / H.265	H.264+ / H.264	H.264+ / H.264	H.264+ / H.264	H.264	H.264+ / H.264 / H.265+ / H.265	H.264	H.264
Lens	Motorised lens 2.8~12mm	Motorised lens 2.8~12mm	Motorised lens 2.8~12mm	Motorised lens 2.8~12mm	1.6mm Fisheye	1.05mm Fisheye	1.27mm Fisheye	2mm Fisheye
Vision angle	90°~31°*	106°~35°*	98° ~ 30°*	112° ~ 34°*	186°*	180°*	180°*	180°*
Day / Night	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter	ICR filter
Min. Illumination	0.002 Lux / 0 Lux with IR	0.014 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR	0.05 Lux / 0 Lux with IR	0.01 Lux / 0 Lux with IR
IR Range	30 m Smart LED IR	30 m Smart LED IR	30 m Smart Matrix LED	30 m Smart LED IR	8 m Smart LED IR	8 m Smart Matrix LED	15 m Smart LED IR	15 m Smart LED IR
Image processing	3D-NR/WDR (120dB)/BLC/ROI	3D-NR/WDR (120dB)/BLC/ROI	3D-NR/WDR (120dB)/BLC	3D-NR/WDR (120dB)/BLC/ROI	3D-NR/BLC	3D-NR/WDR (120dB)/BLC	3D-NR/DWDR/BLC/ROI	3D-NR/DWDR/BLC/ROI
Video analysis	Intrusion detection / Tripwire	Intrusion detection / Line crossing	Motion detection / Tripwire	Intrusion detection / Line crossing	Intrusion detection / Line crossing	Intrusion detection / Tripwire	Intrusion detection / Tripwire	Intrusion detection / Tripwire
Audio / Alarm	Audio & Alarm	Audio & Alarm	-	Audio & Alarm	-	-	Audio & Alarm	Audio & Alarm
Wi-Fi	-	-	-	-	-	-	-	-
SD card storage	-	Up to 128GB Micro SD with ANR	-	Up to 128GB Micro SD with ANR	Up to 128GB Micro SD	Up to 128GB Micro SD	Up to 128GB Micro SD	Up to 128GB Micro SD
Power supply / Consumption	9W max (12VDC)	5.5W max (12VDC)	8.5W max (12VDC)	5.5W max (12VDC)	6W max (12VDC)	5W max (12VDC)	12W max (12VDC)	14.7W max (12VDC)
Power Over Ethernet	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3af
Protection level	IP66	IP66 / IK10 vandalproof	IP67	IP66 / IK10 vandalproof	Indoor	Indoor	IP66 / IK10 vandalproof	IP66 / IK10 vandalproof
Operating temperature	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C	-30° C ~ +60° C	-10° C ~ 40° C	-10° C to +50° C	-30° C ~ +60° C	-30° C ~ +60° C
Dimension	134 x 146 mm	100 x 140 mm	102.4 x 130.5 mm	100 x 140 mm	120 x 41mm	120 x 41 mm	51 x 168 mm	51 x 168 mm
Weight	1.2 Kg	1 Kg	485 g	1 Kg	600 g	600 g	1.4 Kg	1.4 Kg

* Horizontal |** Diagonal

IP Speed Dome			
Model			
Image sensor	SF-IPSD6020I-2	SF-IPSD7020-2	SF-IPSD8030I-2
Image sensor	Hi-Performance CMOS		
Resolution	2Mpx@25FPS		
Lens	4.7-94 mm		
Vision angle (Wide-Tele)	58.3°-3.2°*		
Day / Night	ICR filter		
Min. Illumination	0.05Lux/F1.6 (Color) 0.01Lux/F1.6 (B/W)		
IR Range	100m Smart LED IR		
Image processing	3D-NR/DWDR/HLC/BLC/Mask		
Video analysis	Intrusion detection / Line crossing		
PTZ Range	Pan: 360° Endless Tilt: -15°~90° (Auto Flip) Optical zoom: 20X Digital zoom: 16X		
PTZ Speed	Pan Preset Speed: 80°/s Tilt Preset Speed: 80°/s		
Presets	300 (8 patrols, 4 patterns) 3D intelligent positioning		
SD card storage	Up to 128GB Micro SD		
Audio	1/1		
Alarm Inputs / Relay	-		
Power Consumption	20W max (12VDC)		
Power Over Ethernet	PoE IEEE802.3af		
Protection level	IP66		
Operating temperature	-30°C ~ +65°C		
Dimension	295 x 164.5 mm		
Weight	2 Kg		

* Horizontal |** Diagonal

Model	NVR Serie 3			NVR Serie 6		
						
	SF-NVR3104	SF-NVR3104-4P	SF-NVR3108-8P	SF-NVR6104-4K	SF-NVR6208-A8P-4K	SF-NVR6216-4K
Video IP input	4ch	4ch	8ch	4ch	8ch	16ch
Video compression	H.264+/H.264	H.264+/H.264	H.264+/H.264	H.264+/H.264/H.265	H.264+/H.264/H.265	H.264+/H.264/H.265
Incoming / Bandwidth	40 Mbps	40 Mbps	60 Mbps	40 Mbps	80 Mbps	160 Mbps
Max. Recording Resolution	4 Mpx	4 Mpx	4 Mpx	8 Mpx	8 Mpx	8 Mpx
Video Output	HDMI/VGA	HDMI/VGA	HDMI/VGA	HDMI 4K/VGA	HDMI 4K/VGA	HDMI 4K/VGA
Decoding	2-ch@4Mpx, 4-ch@1080P	2-ch@4Mpx, 4-ch@1080P	2-ch@4Mpx, 4-ch@1080P	4-ch@1080P	2-ch@4K 8-ch@1080P	2-ch@4K 8-ch@1080P
Audio Input / Output	1/1, Two-way	1/1, Two-way	1/1, Two-way	1/1, Two-way	1/1, Two-way	1/1, Two-way
Alarm Input / Relay	-	-	-	-	4/1	4/1
Network interface	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps	RJ45 10/100 Mbps
PoE over Ethernet	-	4ch PoE IEEE802.3af/at	8ch PoE IEEE802.3af/at	-	8ch PoE IEEE802.3af/at	-
Hard disk	1 SATA x 6TB	1 SATA x 6TB	1 SATA x 6TB	1 SATA x 6TB	2 SATA x 6TB	2 SATA x 6TB
USB interface	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0	1 x USB 2.0 + 1 x USB 3.0
Consumption / Power	12VDC 18W	48VDC 60W	48VDC 96W	12VDC 18W	100 to 240VAC 15W	100 to 240VAC 15W
Dimensions	205 x 205 x 45 mm	205 x 205 x 45 mm	285 x 215 x 48 mm	315 x 240 x 48 mm	385 x 315 x 52 mm	385 x 315 x 52 mm
Weight	1 Kg	1 Kg	1 Kg	1 Kg	3 Kg	3Kg

Model	NVR Serie 6		NVR Serie 8			
						
	SF-NVR6216-4K16P	SF-NVR6432-4K16P	SF-NVR8208A-4K	SF-NVR8216A-4K	SF-NVR8216A-16P-4K	SF-NVR8864-4K
Video IP input	16ch	32ch	8ch	16ch	16ch	64ch
Video compression	H.264+/H.265/H.264+	H.264/H.265	H.264+/H.264/H.265	H.264+/H.264/H.265	H.264+/H.264/H.265	H.264/H.265
Incoming / Outgoing Bandwidth	160 Mbps	256 Mbps	80 Mbps	160 Mbps	160 Mbps	320 Mbps
Max. Recording Resolution	8 Mpx	8 Mpx	12 Mpx	12 Mpx	12 Mpx	12 Mpx
Video Output	HDMI 4K/VGA	HDMI 4K/VGA	HDMI 4K/VGA	HDMI 4K/VGA	HDMI 4K/VGA	HDMI 4K/VGA
Decoding	2-ch@4K 8-ch@1080p	2-ch@4K 8-ch@1080P	4-ch@4K, 8-ch@1080P	4-ch@4K, 16-ch@1080P	4-ch@4K, 16-ch@1080P	4-ch@4K, 16-ch@1080P
Audio Input/Output	1/1, Two-way	1/1, Two-way	1/1, Two-way	1/1, Two-way	1/1, Two-way	1/1, Two-way
Alarm Input/Relay	4/1	16/4	4/1	4/1	4/1	16/4
Network interface	RJ45 10/100/1000 Mbps	RJ45 10/100/1000 Mbps	RJ45 10/100/1000 Mbps	RJ45 10/100/1000 Mbps	RJ45 10/100/1000 Mbps	RJ45 10/100/1000 Mbps
PoE over Ethernet	16ch PoE IEEE802.3af/at	16ch PoE IEEE802.3af/at	-	-	16ch PoE IEEE802.3af/at	-
Hard disk	2 SATA x 6TB	4 SATA x 6TB	2 SATA x 6TB	2 SATA x 6TB	2 SATA x 6TB	8 SATA x 6TB +1 eSATA
USB interface	2 x USB 2.0	2 x USB 2.0 + 1 x USB 3.0	1 x USB 2.0 + 1 x USB 3.0	1 x USB 2.0 + 1 x USB 3.0	1 x USB 2.0 + 1 x USB 3.0	2 x USB 2.0 + 1 x USB 3.0
Power/Consumption	100 to 240VAC 15W	100 to 240VAC 20W	100 to 240 VAC 15W	100 to 240 VAC 15W	100 to 240 VAC 15W	100 to 240 VAC 35W
Dimensions	385 × 315 × 52 mm	445 × 390 × 70 mm	380 × 290 × 45 mm	380 × 290 × 45 mm	380 × 290 × 45 mm	445 × 470 × 90 mm
Weight	3 Kg	5 Kg	1 Kg	1 Kg	1 Kg	8 Kg

ACCESORIES

- Quality Profesional Accesories
- High reliability and resistance
- Adapted to the latest technologies



CCTV Tester



TESTER3-5N1	TESTER4-5N1-4M	TESTER7-5N1-4M
3.5" TFT-LCD	4.3" TFT-LCD	7" touch screen
HDTVI / HDCVI / HDSDI / AHD / CVBS	HDTVI (5Mpx) / HDCVI (4Mpx) / AHD (4Mpx) / CVBS / IP (4K)	HDTVI (5Mpx) / HDCVI (4Mpx) / AHD (4Mpx) / CVBS / IP (4K)
-	IP Cam: RJ45 & WiFi / Onvif/ IP Ping Test / FTP & DHCP	IP Cam: RJ45 & WiFi / Onvif/ IP Ping Test / FTP & DHCP
OSD menu / UTC / PTZ Test: RS485	OSD menu / UTC / PTZ / Test: RS485 & Network	OSD menu / UTC / PTZ / Test: RS485 & Network
Cable Test: Coaxial / UTP	Cable test: Coaxial / UTP / Ethernet	Cable test: Coaxial / UTP / Ethernet / Double TDR (Coaxial & Ethernet)
Multimeter & Power Output (12VDC)	Multimeter & Power Output (12VDC / USB / PoE)	Multimeter & Power Output (12VDC / USB / PoE)
Li-on Battery / Micro SD / BNC Video Out	Li-on Battery / Micro SD / BNC Video Out & HDMI In/Out / H.265	Li-on Battery / Micro SD / BNC Video Out & HDMI In/Out / H.265

PoE Switch



SW0604POE-60W

SW0908POE-120W

SW1816POE-200W

1~4 Ethernet Port 10/100 Mbps

1~8 Ethernet Port 10/100 Mbps

1~16 Ethernet Port 10/100 Mbps

2 Up-link port 100 Mbps

1 Up-link port 100 Mbps

2 Up-link port 1000 Mbps

CCTV Mode available
Up 250 m @ 10 Mbps

CCTV Mode available
Up 250 m @ 10 Mbps

-

PoE Power IEEE 802.3at/af

PoE Power IEEE 802.3at/af

PoE Power IEEE 802.3at/af

Connectors



CON100 CON100HD CON116 CON210 CON220 CON280 CON280A CON285 CON285A CON290 CON290A CON295 CON295A CON300

BNC male crimp RG59 BNC HD male crimp RG59 Male solder for RG59 BNC male to RCA female BNC female to RCA male Female DC Power Jack DC female power jack to 2 way spring terminal Male DC Power Jack DC male power jack to 2 way spring terminal BNC male connector BNC male connector to 2 way spring terminal RCA male connector RCA male connector to 2 way spring terminal RJ45 Crimp

25 x 10mm 25 x 10mm 62 x 14mm 25 x 10mm 35 x 10mm 38 x 13mm 38 x 13mm 36 x 13mm 36 x 13mm 40 x 13mm 40 x 13mm 36 x 13mm 36 x 13mm 20 x 10mm

5g 5g 16g 5g 5g 5g 5g 5g 5g 12g 12g 5g 5g 5g

Baluns



BA610-HAC	BA612P-HAC	BA621P-HAC-B	BA609-HAC	BA621P-HAC	BA613P-HAC
Passive twisted pair transceiver, push-pin, low cost	Passive twisted pair transceiver, push-pin	Passive twisted pair transceiver with power & video	Quick IDC connection	Passive twisted, JR45, BNC and Jack	Passive twisted pair transceiver push-pin
Range HDTV 720p/180p; 250/250m Range HDCVI 720p/180p; 450/250m Range AHD 720p/180p; 350/200m	Range HDTV 720p/180p; 250/250m Range HDCVI 720p/180p; 450/250m	Range HDTV 720p/1080p; 250/250m Range HDCVI 720p/1080p; 400/200m	Range HDTV 720p/180p; 250/250m Range HDCVI 720p/180p; 400/250m Range AHD 720p/180p; 350/200m	Range HDTV 720p/180p; 230/230m Range HDCVI 720p/180p; 450/180m	Range HDTV 720p/180p; 230/250m Range HDCVI 720p/180p; 440/240m Range AHD 720p/180p; 320/330m
UTP category 5/6	UTP category 5/6	UTP category 5/6	UTP category 5/6	UTP category 5/6	UTP category 5/6

Siamese Coax Cable



COX10	COX20	COX30	COX40	COX20A
10 meters	20 meters	30 meters	40 meters	20 meters
BNC	BNC	BNC	BNC	BNC male-male & Jack female-male
Video+Power	Video+Power	Video+Power	Video+Power	Video+Power+Audio

CCTV Display



MNT19BNC	MNT24BNC
4:3	16:9 switchable to 4:3
TFT (LED Backlight)	LED RGB (IPS HI-Performance Technology)
1280 x 1024@60Hz	1280 x 1024@65Hz
170° H / 160° V	170° H / 160° V
3D Comb Filter, Deinterlance, Noise Reduction	3D Comb Filter, Deinterlance, Noise Reduction
1xVGA, 1xHDMI, 1xS-VIDEO, 1xBNC in/out	1xVGA, 1xHDMI, 1xS-VIDEO, 1xBNC in/out
Audio 1x Input / 1xOutput Audio (Speaker)	Audio 1x Input / 1xOutput Audio (Speaker)

Keyboard



SF-KB110N
HD Keyboard for network control
7" touch screen
Joystick 4 axis
Decode/record up to 1080p
Audio 1/1, Two-way
RS485 / RS232 / RJ45 (10/100/1000M)

Microphones



MIC01	MIC02
Condenser Microphone	Audio Surveillance Microphone
RCA Connector	Bare wire connection
DC Jack in/out	DC 2 way terminal
500mm	130mm

Rechargeable battery



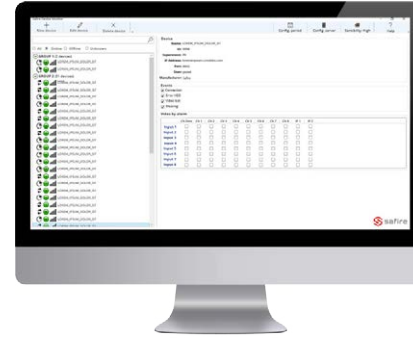
BT1272
Voltage 12VDC
Capacity 7.2 AH
Use at stand-by 13.5~13.8 V
Cyclic use 14.5~15.0 V
Lead Acid Battery

ADVANCED TECHNOLOGY AND SERVICES

- ⊞ Support for main vendors
- ⊞ Reliable and easy to use
- ⊞ Carefully crafted to meet customer needs

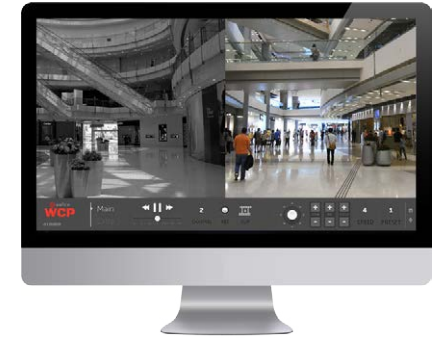


ARC Tools



safire
DM
DEVICE MONITOR

- ⊞ Advanced supervision and monitoring software for devices connected to ARC's/RVRC's
- ⊞ Compatible with all popular ARC/RVRC management platforms and 3rd party manufacturers CCTV equipment
- ⊞ Instantly recover video clips for immediate logging at the ARC/RVRC



safire
WCP
WEB CONTROL PANEL





- ⊞ Specialised recorder access interface, adaptable to existing ARC/RVRC procedures
- ⊞ Dual interface for simultaneous visualisation of alarms and live video allowing extremely efficient alarm management
- ⊞ Rapid response to alarms thanks to our optimised user interface for recording navigation, automatic video downloads and PTZ control



Professional & end user services





EasyView
safire

-  Mobile App and PC software allowing remote camera & DVR visualization
-  Easy and intuitive interface designed to reduce the requirement for technical assistance
-  Custom user interface can be tailored with your company image
-  Open system interface supports main CCTV vendors





safire CONTROL CENTER

-  Mobile App and PC software allowing remote camera & DVR visualization
-  Designed with the professional client in mind, includes advanced functions, such as access to recorder configuration, event and storage management and PTZ - enable devices



safire ProCloud

-  Cloud based system supervision platform for professional installers
-  Monitors device status and sends email notifications of system critical events such as connectivity problems, HDD failure, alarms and more





Find your local distributor at:



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