



Fully Compatible with
AVerDiGi Series NVRs

AVerDiGi IP Cameras

Powerful and Intelligent Video Surveillance Equipment
Completed IP Surveillance Accessories

* SF1311H/SF1311H-B/SF1311H-D/SF1311H-DV will be fully integrated with AVerDiGi Series NVRs by August 2010

**Using H.264 format of above models with AVerDiGi EH/EXR series please make sure:

1. Version later than 23.01.02c is required for EH5216H/EH5108H

2. Version later than 21.03f is required for EH5216/EH5108/EXR5016/EXR5008

H.264 Megapixel IP Cameras



Specification	Box		
	SF1303HW	SF1303H	SF1311H
Device	1/2.5 inch progressive CMOS		1/4 inch progressive CMOS
F/No	F1.4–3.60		F1.6
Focus Length	f4mm		
Effective Pixels	1280 x 960		1280 x 1024
Min. Scene Illumination	0.5 Lux @ F1.4		0.5 Lux @ F1.6
Signal to Noise	Better than 38.1 dB		Better than 44 dB
Pan & Tilt Control	RS-485		
ICR	Yes		
Video Encoder	H.264, MPEG4 and MJPEG simultaneously		
Video Profile	4 profiles simultaneously		13 profiles simultaneously
Frame Rate	Up to 15fps at 4VGA mode (1280 x 960) ; Up to 30fps at VGA mode (640 x 480)		Up to 15fps at megapixel mode (1280 x 1024) ; Up to 30fps at VGA mode (640 x 480)
Streaming	Simultaneously multi-profile streaming; Streaming over UDP, TCP, or HTTP; Multicast streaming; Supports 3GPP mobile surveillance; Controllable frame rate and bandwidth		Simultaneously multi-profile streaming; Streaming over UDP, TCP, or HTTP; M-JPEG streaming over HTTP; Supports 3GPP mobile surveillance; Controllable frame rate and bandwidth; CBR/VBR (MPEG4/H.264)
Audio Encoder	AMR/PCM		G.711/G.726/AMR (3GPP)
Audio Streaming	Full duplex /Two way audio/Built-in Echo canceling		Two way audio
Microphone	Built-in microphone/External microphone input		Built-in microphone input
Protocols	IPv4, ARP, TCP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, RTP, RTCP, RTSP		TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, SAMBA
Security	Password protection		Password protection, IP address filtering, user access log
Users	Up to 20 users simultaneously		
Ethernet Port	Ethernet (10/100 Base-T), RJ-45 connector		
DI/DO	2/1		1/1
Power Supply	DC 12V 1.5A		DC 12V 1A
Power Consumption	8W (max)		5W (max)
POE	N/A	IEEE 802.3af	
Wireless	IEEE 802.11n	N/A	
Temperature and Humidity	0°C to 40°C, 20% ~ 90% humidity (Operating)		0°C to 40°C, 20% – 80% humidity (Operating)
Indoor/Outdoor	Indoor/Outdoor (with optional housing)		
OS	Windows XP, Vista, Windows7		
Browser	IE 7.0/Firefox 3.5/Safari 4.0 or above		IE 6.0/Firefox 2.0/Safari 4.0 or above
Player	3GPP, VLC, Quick Time, Real Player		3GPP, VLC, Quick Time, Real Player, Coreplayer
Dimensions (W x H x D)	62mm x 57mm x 185 mm		64mm x 59mm x 123 mm
Weight	515 g	475 g	390 g

*Specification are subject to change without prior notice/**All brand names and registered trademarks are the property of their respective owners/**SF1311H/SF1303H/SF1303HW do not include lens



	Bullet	Dome	Vandal Dome
Specification	SF1311H-B	SF1311H-D	SF1311H-DV
Device	1/4 inch progressive CMOS		
F/No	F2.0	F1.8	F1.2
Focus Length	f6mm	f4.3mm	f2.7mm-9mm
Effective Pixels	1280 x 1024		
Min. Scene Illumination	0 Lux @ F2.0 (IR LED on)	0.5 Lux @ F1.8	0 Lux @ F1.2 (IR LED on)
Signal to Noise	Better than 44 dB		
Pan & Tilt Control	RS-485		
ICR	Yes	N/A	Yes
Video Encoder	H.264, MPEG4 and Motion JPEG simultaneously		
Video Profile	13 profiles simultaneously		
Frame Rate	Up to 15fps at megapixel mode (1280 x 1024); Up to 30fps at VGA mode (640 x 480)		
Streaming	Simultaneously multi-profile streaming; Streaming over UDP, TCP, or HTTP; M-JPEG streaming over HTTP; Supports 3GPP mobile surveillance; Controllable frame rate and bandwidth; CBR/VBR (MPEG4/H.264)		
Audio Encoder	G.711/G.726/AMR (3GPP)		
Audio Streaming	Two way audio		
Microphone	External microphone input		
Protocols	TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, SAMBA		
Security	Password protection, IP address filtering, user access log		
Users	Up to 20 users simultaneously		
Ethernet Port	Ethernet (10/100 Base-T), RJ-45 connector		
Vandal Proof	N/A		Yes
DI/DO	1/1		
Power Supply	DC 12V 1A		
Power Consumption	5W (max)/ 9W (max) while IR LED on	5W (max)	5W (max)/ 6W (max) while IR LED on
POE	IEEE 802.3af		
IR LED	24pcs IR LED (around 20-25M)	N/A	24pcs IR LED (around 15-20M distance)
Temperature and Humidity	0°C to 40°C , 20% – 80% humidity (Operating)		-10°C to 50°C , 20% – 80% humidity (Operating)
Indoor/Outdoor	Indoor/Outdoor (IP66)	Indoor	Indoor/Outdoor (IP66)
OS	Windows XP, Vista, Windows 7		
Browser	IE 6.0/Firefox 2.0/Safari 4.0 or above		
Player	3GPP, VLC, Quick Time, Real Player, Coreplayer		
Dimensions (W x H x D)	100mm x 95mm x 170mm	134mm x 109mm x 134mm	
Weight	725 g	390 g	1165 g

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Megapixel IP Cameras



Specification	SF1301W	SF1301
Device	1/4 inch progressive CMOS	
Effective Pixels	1280 x 1024	
Min. Scene Illumination	0.5 Lux @ F2.8	
F/No	F2.8	
Focus Length	f4.5mm	
Depth	20cm–Infinity	
Viewing Angle	Horizontal: 43.6, Vertical: 35.7, Diagonal: 54	
Motion Detection	Enable/disable; Sensitivity 0~100; Drawing mode-Enable/Disable	
Exposure Control	Auto	
AGC	Yes	
White Balance	Auto	
Compression	MPEG4/MJPEG dual format compression simultaneously	
Multi-profile	Support 4 video streams simultaneously	
Picture Resolution	1280 x 1024; 1024 x 768; 640 x 480; 512 x 384; 320 x 240; 160 x 120	
Bit Rate	IE browser- 900K, 1M, 1.25M, 1.5M, 1.75M, 2M Mobile Video- 64K, 128K, 192K, 256K, 320K, 384K, 448K, 512K	
Image Frame Rate	Up to 10 fps at 1280 x 1024; Up to 30 fps at 640 x 480	
Black/White Mode	Yes	
Digital Zoom	16X	
Mirror	Vertical mirror/Horizontal mirror	
Compression	AMR/ADPCM	
Built-in Microphone	Sensitivity -42dB +/- 3dB (5 Meters distance min.); S/N Ratio: more than 58 dB; Directivity Omni-directional	
Frequency Response	50~16000HZ	
Audio Line Output	Line-out for external speaker	
Pre-recording/Post-recording	0~15 seconds/0~15 seconds	
Overwrite	Enable/disable	
Recording Mode	Continuous/Event/Motion Detection	
System Log	Up to 500 items stored in flash	
Ethernet Port	Ethernet (10/100 Base-T), RJ-45 connector	
Protocol	IPv4, ARP, TCR, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, RTP, RTCP, RTSP	
Auto-MDIX	Yes	
3GPP	Audio codec/AMRVideo codec/MPEG4Protocol/RTSP/RTP	
WPS	Yes	No
Web Browser	IE 7.0/FireFox 2.0.7/Safari 3.2.2 or above	
User Account	Up to 20 users	
Security	Password protection: configured by the administrator	
Temperature and Humidity	-15~60°C (Storage), 90% humidity /0~40°C (Operating), 85% humidity	
Power Supply	DC 5V 2.5A	
Power Consumption	6W (max)	
Dimensions (WxHxD)	71mm x 44mm x 133mm	
Weight	158 g (w/o bracket)	136 g (w/o bracket)
Indoor/Outdoor	Indoor	
Bundled Accessory	Bracket	

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