

AVerMedia®



AVer DiGi IP Camera SF1311/0311H Series

The AVerDiGi SF1311/0311H Series covers different types of IP cameras, from cube, box, bullet, dome, to PTZ. The true Day/Night capability provides reliable and high quality images in various environments. Moreover, users can now achieve remote surveillance through the Internet or 3GPP on multiple platforms, and seamless integration with AVerDiGi hybrid DVRs/ NVRs for a more stable and scalable operation. The 1.3 megapixel or CCD VGA IP camera Series - SF1311/0311H supports the latest H.264 compression technology to optimize the bandwidth and storage usage without dropping video quality. By combining AVerDiGi SF1311/0311H Series, DVRs/NVRs, and CMS, you can realize the complete surveillance solution, further strengthening your competitive edge for security projects.





True Day & Night

Equipped with the built-in ICR (IR-Cut Filter Removable) and IR illuminator, the SF1311/0311H Series is able to provide extremely clear video images during the day and at night. This series delivers great clarity 24 hours a day under a variety of lighting conditions.

SF1311H/SF1311H-R/SF1311H-B/SF1311H-DV/SF0311H-Z10

Users can use SF1311H-C and SF1311H-CP during nighttime without the ICR, since both models support white light LED.





Advanced Alarm Trigger

The video analytics function - Intelligent Motion Detection (IMD), is embedded in the SF1311/0311H Series. This user-defined graphic motion sensitivity feature minimizes false alarms with higher detection efficiency by presetting the sensitivity value. Up to 10 detection zones in all can be defined with this function.

SF1311H/0311H Series



Power over Ethernet (PoE)

By incorporating the IEEE 802.3af compliant PoE function, the SF1311/0311H Series can be powered via the network. Utilizing PoE makes installation easier and more cost effective as data and power are combined into a single Ethernet cable, allowing the camera to operate without a conventional power supply.

SF1311H/0311H Series



Two-Way Audio

With 2-Way audio communication support, cameras of SF1311/0311H series can transmit sounds coming from the camera's location through the built-in/ external microphone and users from remote site can issue instructions to people around the camera by attaching speakers. (optional)

SF1311H/ 0311H Series





New WDR (Wide Dynamic Range)

The SF1311H-R comes with new WDR technology, providing high signal/noise ratio for showing color image, whereas other IP cameras have become B/W mode under low light. This new technology also helps maintain contrast and ensures clear images even in extreme high-contrast lighting conditions, such as backlight, glare and light reflection. Thus, this model can be widely applied in challenging lighting environments.





Privacy Protection

Privacy mask support on the SF1311H-R can define up to 7 viewing areas to be hidden for privacy protection or sensitive information.





Weather and Vandal Proof

With weather-proof IP66 rated housing, the AVerDiGi SF1311H-B/SF1311H-DV are protected from harsh conditions, such as rain. Besides, the SF1311H-DV comes with durable metal housing and shock-resistant protective glass suitable in areas prone to vandalism.

SF1311H-B and SF1311H-DV (with vandal proof function)



Local Backup

The SF1311H-C and SF0311H-Z10 are able to record videos or motion alerts temporarily to an external microSD card as a backup during network downtime, increasing system reliability.











SF1311H-R

















Bundled Software





	SFISTIN	3F1311H-K			
	В	ox			
A II		70-			
Application Enviroment					
Indoor/Outdoor	Indoor/Outdoor (wit	h optional housing)			
System					
Flash (MB)	12	8			
ROM(MB)					
	Lin				
Embedded OS	Cill	ux			
Device					
Sensor	1/4 " progressive CMOS	1/3" SONY CMOS			
Sensitivity	0.5 Lux @ F1.6	0.1 Lux @ F2.0			
Built-in LED	N	0			
Built-in ICR	Ye	S			
11					
IR Sensitivity Range	N	40 00 00 00 00 00 00 00 00 00 00 00 00 0			
Electronic Shutter	1/5-1/120	Auto 1/30 ~ 1/120 Manual 1/30 ~ 1/9000			
Wide Dynamic Range	No	Yes (D-WDR)			
O:	110	ics (b Wall)			
Casing					
Vandal Proof	N	0			
Lens					
F/No	F1.6	F2.0			
Focal Length	f4mm	f4.3mm			
Auto IRIS Support	Ye				
					
Angle of View					
Horizontal Viewing Angle	48°	62°			
PTZ					
Pan & Tilt Degree	N	0			
	N	0			
Pan & Tilt Speed		No No			
Preset Points		No No			
Camera Tour	No				
Video					
Video Encoder	H.264/MPEG4/MJPI	EG simultaneously			
Effective Pixels	1280 x 1024	1280 x 960			
Ellective Fixels					
Frame Rate	Up to 15fps at megapixel mode (1280x1024);	Up to 25fps at megapixel mode (1280x960);			
	Up to 30fps at VGA mode (640x480)	Up to 30fps at HD mode (1280x720)			
Bit Rate	384-4096				
Bit Rate Mode	CBR/	VBR			
Video Profile	13 profiles sin	nultaneously			
Video i ionie	Simultaneously multi-profile streaming; Streaming or	•			
Streaming					
	Supports 3GPP mobile surveillance ; Controllable fr				
Signal to Noise	Better than 44dB	Better than 50dB			
Privacy Mask	No	7 privacy mask areas			
Text Overlay	Ye	25			
	Mirror, Ve	rtical Flin			
Image Orientation	Willion, ve	rical riip			
Audio					
Audio Encoder	G.711/G.726/AMR (3GPP)				
Audio Streaming	Two way audio				
Microphone	Built-in microphone input				
Network					
	TCD LIDD HTTD SMTD ETD AITD DAIC DONC DUCK AND S	CODICUIR LIDER DTCD DTCD DDDGE 3CDD ICAAD CAAADA			
Protocols	TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTCP, PPPoE, 3GPP, ICMP, SAMBA				
Ethernet	Ethernet (10/100 Based-T), RJ-45 connector				
Security	Password protection, IP address filtering, user access log				
Users	Up to 20 users simultaneously				
Alarm					
	Intelligent video motion de	tection and external input			
Alarm Triggers	intelligent video motion de	acction and external input			
Interface					
Digital Input/Output	1/	<u> </u>			
Storage					
MicroSD Card Slot	N	0			
General					
	DC41	OV 1 A			
Power Supply	DC 12				
Power Consumption	5W (max) 3W (max)				
PoE	IEEE 802.3af				
Dimensions (W x H x D)	64 x 59 x 123 (mm)				
Net Weight	390 g (w/o bracket)				
	0°C-40°C , 20%-80% humidity (operating)				
Temperature and Humidity	0°C-40°C , 20%-80%	numuny (operating)			
Software					
Software OS	Windows®	XP/Vista/7			
	Windows® IE 6.0/Firefox 2.0/S				
OS					

IPWizard II, SecuGuard 64CH Basic









SF1311H-B SF1311H-DV SF1311H-DV

	2L1211U-P	3F1311H-D	3F1311H-DV		
	Bullet	Dome	Vandal Dome		
Application Enviroment					
Indoor/Outdoor	Indoor/Outdoor (IP66)	Indoor	Indoor/Outdoor (IP66)		
System					
lash (MB)		128			
ROM(MB)		8			
Embedded OS		Linux			
Device					
Sensor		1/4 " progressive CMOS	To the second se		
Sensitivity	0 Lux @ F2.0 (IR LED on)	0.5 Lux @ F1.8	0 Lux @ F1.2 (IR LED on)		
Built-in LED	24pcs IR LED (around 20-25M)	No	24pcs IR LED (around 15-20M)		
Built-in ICR	Yes	No	Yes		
R Sensitivity Range	850nm	No	850nm		
Electronic Shutter	·	1/5-1/120			
Wide Dynamic Range		No			
Casing					
/andal Proof	No		Yes		
.ens					
:/No	F2.0	F1.8	F1.2		
Focal Length	f6mm	f4.3mm	f2.7mm~f9mm		
Auto IRIS Support		No			
angle of View					
lorizontal Viewing Angle	33°	48°	65° ~ 22°		
PTZ					
an & Tilt Degree		No			
Pan & Tilt Speed	No No				
Preset Points	No No				
Camera Tour	No No				
/ideo		140			
/ideo Encoder	H.264/MPEG4/MJPEG simultaneously				
Effective Pixels		1280 x 1024			
- Incore i incis		Up to 15fps at megapixel mode (1280x1024);			
Frame Rate					
Bit Rate	Up to 30fps at VGA mode (640x480)				
Bit Rate Mode	384-4096				
/ideo Profile		CBR/VBR			
TIGEOT TOTILE	Cincultan and in the control of the	13 profiles simultaneously	MIDEG streaming curs LITTD		
Streaming		streaming; Streaming over UDP, TCP, or HTTP;	-		
Signal to Noise	Supports 3GPP mobile sur	veillance; Controllable frame rate and bandwidth	1; CDR/VDR (IVIPEG4/H.204)		
Privacy Mask		Better than 44dB			
Text Overlay		No Voc			
		Yes			
mage Orientation Audio		Mirror, Vertical Flip			
Audio Encoder		G.711/G.726/AMR (3GPP)			
Audio Streaming		Two way audio			
Microphone		External microphone input			
Network	TOR LINE LITTLE CLITTE TO	IC DONG DUCK 100 D	TO DECO DOD-E 3500 ISLID STORE		
Protocols	TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, SAMBA				
Ethernet	Ethernet (10/100 Based-T), RJ-45 connector				
Security	Password protection, IP address filtering, user access log				
Jsers		Up to 20 users simultaneously			
Alarm					
Alarm Triggers	<u>In</u>	telligent video motion detection and external inp	put		
nterface					
Digital Input/Output		1/1			
Storage					
MicroSD Card Slot		No			
General					
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			
Dimensions (W x H x D)	100 x 95 x 170 (mm)	134 x 109 x 134 (mm)	148 x 108 x 145 (mm)		
Net Weight	725 g (w/o bracket)	390 g	1165 g		
Temperature and Humidity	0°C-40°C, 20%-80% h	umidity (operating)	-10°C-50°C , 20%-80% humidity (operating		
Software					
OS	Windows® XP/Vista/7				
		IE 6 0/Eirofox 2 0/Safari 4 0 or above	IE 6.0/Firefox 2.0/Safari 4.0 or above		
		IE 0.0/Filelox 2.0/Salaii 4.0 01 above			
Browser Player		3GPP, VLC, QuickTime, Real Player, Coreplayer			









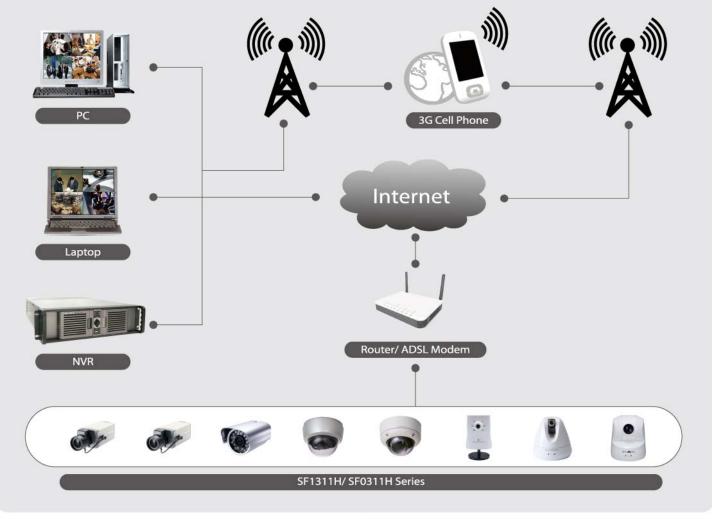


SF1311H-C SF1311H-CP SF0311H-Z10

		SF1311H-C	SF1311H-CP	SF0311H-Z10	
		Cube	PT	TZ.	
128	Application Enviroment				
## 1280 ***MANISH 1280 ***MANISH 1280 ***MANISH 1487 ***Properties CMOS**** ***MANISH 1487 ***Properties CMOS***** ***MANISH 1487 ***Properties CMOS***** ***MANISH 1487 ***Properties CMOS****** ***MANISH 1487 ***Properties CMOS******** ***MANISH 1487 ***Properties CMOS********* ***MANISH 1487 ***Properties CMOS************** ***MANISH 1487 ***Properties CMOS************************************	ndoor/Outdoor		Indoor		
Model	System				
### ### ### ### ### ### ### ### ### ##	Flash (MB)				
1/4 * progressive CMOS		:			
### 144 * progressive CMOS			Linux		
March Mar	Sensor	1/4 " progr	essive CMOS	1/4" SONY CCD	
Mile In CR	Sensitivity				
Secribinity Ranger No	Built-in LED	6pcs white light LEDs (around 5-10M)	4pcs white light LED (around 5-10M)	No	
Section Shutter	uilt-in ICR		2000	Yes	
Mode Dynamic Range	R Sensitivity Range		No		
March Marc	Electronic Shutter	1/5-	1/120	Auto 1/60-1/120	
### 100 File ### 100 ### 100 File ### 100 Fi	Vide Dynamic Range		No		
File			No		
No cale Jength 164 mm 10X (53 mm 56 mm 10X (53 mm			NO		
March Marc	/No		F1.8	2	
Agriculture	ocal Length	f4.3	3mm	10X (f3.8mm-f38.0mm)	
Agr	uto IRIS Support		No		
17.	angle of View				
an & Titt Degree	forizontal Viewing Angle	48°	48°	50°-5°	
an & Tit Speed No Pan: 180° per second/ Titl: 120° per second No 64 prest points No 128 prese points No 128 x 1024 640x480 Ly to 15 fifty as transpapelled mode 11880x 1024); Ly to 30 fips at VGA mode (640x480) ame Rate Up to 30 fips at VGA mode (640x480) Lik Rate 1384-4096 1384-4096 1384-4096 131 profiles simultaneously Simultaneously multi-profile streaming; 5 freaming over UDP, TCP, or HTTP, MJPEG streaming over HTTP; Supports 3GPP mobile surveillance; Controllable frame rate and bandwidth; CBR/VBR (MPEGAH1264) gail to Noise Better than 44dB No set Overlay Minro, Vertical Filp sulfo Encoder G.711/G.726/AMR (BGPP) sulfo Encoder G.	TZ			Th. 100 000	
No 64 preset points No 16 tours					
No 16 tour No 16 tour Section Sec				·	
	amera Tour				
	'ideo				
### Ride	ideo Encoder	H.264/MPEG4/MJPEG simultaneously			
Time Name Name Name Name Name Name Name Na	ffective Pixels	1280	·		
## Rate Mode	rame Rate				
Ideo Profile 11 profiles simultaneously Simultaneously multi-profile streaming (Steaming over UDP; TCP, or HTTP, WPEG steaming over HTTP; Supports 3GPP mobile surveillance; Controllable frame rate and bandwidth; CBR/VBR (MPEG4/L264) gnal to Noise Better than 44dB Better than 50dB No Steat Overlay Yes nage Orientation Udio Conder G_711/G_726/AMR (3GPP) Udio Streaming Two way audio Built-in microphone input Built-in microphone input Built-in or External microphone input	Bit Rate				
Simultaneously multi-profile streaming year UPP, TCP, or HTTP; MJPEG streaming over HTTP; Supports 3GPP mobile surveillance; Controllable frame rate and bandwidt; CBR/VBR (MPEG4/H264) gnal to Noise	Bit Rate Mode		CBR/VBR		
Supports 3GPP mobile surveillance; Controllable frame rate and bandwidth; CBR/VBR (MPEG4/H_264) gnal to Noise	/ideo Profile		-		
Supports 36P mobile surveillance? Controllable rame rate and bandwill CMV PMS (MPSCM*PLZOM) goal to Noise Better than 44dB No ***TO verilay** **TO verila	itreaming				
No No No No No No No No					
Yes All Control Yes All Control Al		Better ti		Better than 50dB	
Margo Orientation Mirror, Vertical Flip Milror,					
udio Encoder G.711/G.726/AMR (3GPP) udio Streaming Two way audio licrophone Built-in microphone input Built-in or External microphone input etwork Built-in microphone input Built-in or External microphone input cotocols TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPDE, 3GPP, ICMP, SAMBA ethernet Ethernet (10/100 Based-T), R1-45 connector curity PDE-3 CARP, END, ICMP, SAMBA July to 20 users simultaneously Intelligent video motion detection and external input Left-face July to 20 users simultaneously Left-face July to 20 users simultaneously Intelligent video motion detection and external input Left-face July to 20 users simultaneously	mage Orientation				
Idio Streaming Idio Idio Streaming Idio Idio Streaming Idio I	Audio				
Built-in microphone input Built-in microphone Built-in	Audio Encoder	G.711/G.726/AMR (3GPP)			
TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPPP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, SAMBA Ethernet Ethernet (10/100 Based-T), RJ-45 connector Essaword protection, IP address filtering, user access log sers Up to 20 users simultaneously larm larm Triggers Intelligent video motion detection and external input sterface licroSD Card Slot Yes No Yes eneral ower Supply DC 12V 1A DC 12V 1A DC 12V 1A Swer Consumption SW (max) while IR LED on SW (max) IEEE 802.3af simensions (W x H x D) 83 x 102 x 21 (mm) 110 x 135 x 110 (mm) et Weight 130 g (w/o bracket) 290 g (w/o bracket) 435 g (w/o bracket) oftware SW (maxe) Windows® XP/Vista/7 rowser IE 6.0/Firefox 2.0/Safari 4.0 or above layer 3GPP, VLC, QuickTime, Real Player, Coreplayer	Audio Streaming		·		
TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTCP, PPPOE, 3GPP, ICMP, SAMBA shernet Ethernet (10/100 Based-T), RJ-45 connector Password protection, IP address filtering, user access log Up to 20 users simultaneously larm Image: Intelligent video motion detection and external input terface Igital Input/Output No No No Yes Intelligent video motion detection and external input terface Intelligent video motion detection and external input Intelligent video mot	Microphone	Built-in micro	ophone input	Built-in or External microphone input	
Ethernet (10/100 Based-T), RJ-45 connector security Password protection, IP address filtering, user access log sers Up to 20 users simultaneously larm larm Triggers Intelligent video motion detection and external input sterface ligital Input/Output No 1/1 torage licroSD Card Slot Yes No Yes eneral ower Supply DEC 12V 1A ower Consumption SW (max) while IR LED on SW (max) 12W (max) obe limensions (W x H x D) 83 x 102 x 21 (mm) 110 x 120 x 110 (mm) 110 x 135 x 110 (mm) et Weight 130 g (w/o bracket) 290g (w/o bracket) 435 g (w/o bracket) oftware SS Windows® XP/Vista/7 rowser (See 1866.)Firefox 2.0/Safari 4.0 or above layer (See 1949.) serving (N L x L x L x L x L x L x L x L x L x L	Network	TCD LIDD LITTO CAATO ETO ATO O	TOO LIDE LITTE CATE FOR ALL DAYS BUILD AND BUI		
Password protection, IP address filtering, user access log sers Up to 20 users simultaneously larm Intelligent video motion detection and external input terface Intelligent video motion detection and external input terface Intelligent video motion detection and external input terface Intelligent video motion detection and external input Intelligent video motion and external input Intelligent video motion and external input Intelligent		ICF, UDF, HITF, SMIP, FIP, NIP, DI	• • • • • • • • • • • • • • • • • • • •		
Seers Up to 20 users simultaneously larm Intelligent video motion detection and external input	Security	F			
larm Triggers Intelligent video motion detection and external input larm Triggers Intelligent video motion detection and external input larm Triggers Intelligent video motion detection and external input No 1/1 Intelligent video motion detection and external input No 1/1 Intelligent video motion detection and external input No 1/1 Intelligent video motion detection and external input	Jsers				
Section Sect	Narm				
No	Narm Triggers		Intelligent video motion detection and external input		
Second Stot Yes No Yes Yes No Yes	nterface				
No	igital Input/Output	N	No	1/1	
DC 12V 1A DC 1	torage	V	No	V	
DC 12V 1A ower Consumption 5W (max) while IR LED on 5W (max) 12W (max) oE IEEE 802.3af imensions (W x H x D) 83 x 102 x 21 (mm) 110 x 120 x 110 (mm) 110 x 135 x 110 (mm) et Weight 130 g (w/o bracket) 290g (w/o bracket) 435 g (w/o bracket) error perature and Humidity 0°C-40°C, 20%-80% humidity (operating) oftware S Windows® XP/Vista/7 rowser IE 6.0/Firefox 2.0/Safari 4.0 or above layer 3GPP, VLC, Quick Time, Real Player, Coreplayer		res	NO NO	res	
SW (max) while IR LED on 5W (max) 12W (max) oE IEEE 802.3af imensions (W x H x D) 83 x 102 x 21 (mm) 110 x 120 x 110 (mm) 110 x 135 x 110 (mm) et Weight 130 g (w/o bracket) 290g (w/o bracket) 435 g (w/o bracket) emperature and Humidity 0°C-40°C, 20%-80% humidity (operating) oftware S Windows® XP/Vista/7 rowser IE 6.0/Firefox 2.0/Safari 4.0 or above layer 3GPP, VLC, QuickTime, Real Player, Coreplayer			DC 12V 1A		
S	ower Supply ower Consumption	5W (max) while IR LED on		12W (max)	
tet Weight 130 g (w/o bracket) 290g (w/o bracket) 435 g (w/o bracket) temperature and Humidity oftware S Windows® XP/Vista/7 rowser IE 6.0/Firefox 2.0/Safari 4.0 or above layer 3GPP, VLC, QuickTime, Real Player, Coreplayer	оЕ				
emperature and Humidity oftware S Windows® XP/Vista/7 rowser IE 6.0/Firefox 2.0/Safari 4.0 or above layer 3GPP, VLC, QuickTime, Real Player, Coreplayer	Dimensions (W x H x D)	83 x 102 x 21 (mm)	110 x 120 x 110 (mm)	110 x 135 x 110 (mm)	
oftware S Windows® XP/Vista/7 rowser IE 6.0/Firefox 2.0/Safari 4.0 or above layer 3GPP, VLC, QuickTime, Real Player, Coreplayer	let Weight	130 g (w/o bracket)	290g (w/o bracket)	435 g (w/o bracket)	
S Windows® XP/Vista/7 rowser IE 6.0/Firefox 2.0/Safari 4.0 or above layer 3GPP, VLC, QuickTime, Real Player, Coreplayer	emperature and Humidity		0°C-40°C , 20%-80% humidity (operating)		
rowser IE 6.0/Firefox 2.0/Safari 4.0 or above layer 3GPP, VLC, QuickTime, Real Player, Coreplayer	oftware				
layer 3GPP, VLC, QuickTime, Real Player, Coreplayer	os .				
·	Browser				
	Bundled Software		IPWizard II, SecuGuard 64CH Basic		

Diagram

AVerMedia provides IP security solutions perfectly designed to meet requirements of versatile application environments. SF1311/0311H Series supports multiple streams and offers users the flexibility to deal with camera images on different platforms.



★ SF1311/0311H Series is compatible with AVerDiGi hybrid DVRs/ NVRs



AVerMedia INFORMATION, Inc. is the leading provider of surveillance technology in designing, manufacturing, and developing various surveillance solutions including Embedded Hybrid DVRs, PC-based Hybrid DVRs, and Pure NVRs. Aside from its full line of DVRs, AVerMedia also provides IP cameras, CMS, and many more powerful security systems or devices. AVerMedia always endeavors to fulfill various security applications and it's truly the one-stop-shop supplier for all your security needs.

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