



AVerMedia®



AVerDiGi™ 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.



Day



Night

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.

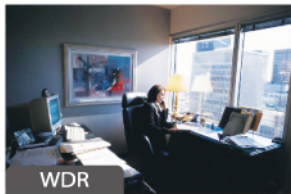
SF1311H/ 0311H Series



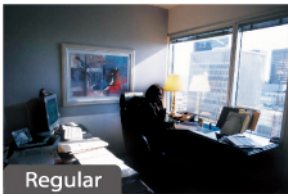
Two-Way Audio

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



WDR



Regular

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.

SF1311H-R



Privacy Zone



Masked Privacy Zone

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.

SF1311H-R



Vandal Proof



Weather Proof

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-C and SF0311H-Z10



SF1311H



SF1311H-R



Retail



Financial Institution



Transportation



Government



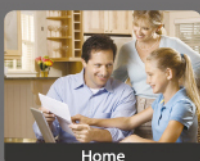
Education



Corrections



Industrial



Home

	Box	
Application Enviroment		
Indoor/Outdoor	Indoor/Outdoor (with optional housing)	
System		
Flash (MB)	128	
ROM(MB)	8	
Embedded OS	Linux	
Device		
Sensor	1/4 " progressive CMOS	1/3" SONY CMOS
Sensitivity	0.5 Lux @ F1.6	0.1 Lux @ F2.0
Built-in LED	No	
Built-in ICR	Yes	
IR Sensitivity Range	No	
Electronic Shutter	1/5-1/120	Auto 1/30 ~ 1/120 Manual 1/30 ~ 1/9000
Wide Dynamic Range	No	Yes (D-WDR)
Casing		
Vandal Proof	No	
Lens		
F/No	F1.6	F2.0
Focal Length	f4mm	f4.3mm
Auto IRIS Support	Yes	
Angle of View		
Horizontal Viewing Angle	48°	62°
PTZ		
Pan & Tilt Degree	No	
Pan & Tilt Speed	No	
Preset Points	No	
Camera Tour	No	
Video		
Video Encoder	H.264/MPEG4/MJPEG simultaneously	
Effective Pixels	1280 x 1024	1280 x 960
Frame Rate	Up to 15fps at megapixel mode (1280x1024) ; Up to 30fps at VGA mode (640x480)	Up to 25fps at megapixel mode (1280x960) ; Up to 30fps at HD mode (1280x720)
Bit Rate	384-4096	
Bit Rate Mode	CBR/VBR	
Video Profile	13 profiles simultaneously	
Streaming	Simultaneously multi-profile streaming ; Streaming over UDP, TCP, or HTTP ; MJPEG streaming over HTTP ; Supports 3GPP mobile surveillance ; Controllable frame rate and bandwidth ; CBR/VBR (MPEG4/H.264)	
Signal to Noise	Better than 44dB	Better than 50dB
Privacy Mask	No	7 privacy mask areas
Text Overlay	Yes	
Image Orientation	Mirror,Vertical Flip	
Audio		
Audio Encoder	G.711/G.726/AMR (3GPP)	
Audio Streaming	Two way audio	
Microphone	Built-in microphone input	
Network		
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	
Users	Up to 20 users simultaneously	
Alarm		
Alarm Triggers	Intelligent video motion detection and external input	
Interface		
Digital Input/Output	1/1	
Storage		
MicroSD Card Slot	No	
General		
Power Supply	DC 12V 1A	
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)	
Temperature and Humidity	0°C-40°C , 20%-80% humidity (operating)	
Software		
OS	Windows® XP/Vista/7	
Browser	IE 6.0/Firefox 2.0/Safari 4.0 or above	
Player	3GPP, VLC, QuickTime, Real Player, Coreplayer	3GPP, VLC, QuickTime, Real Player
Bundled Software	IPWizard II, SecuGuard 64CH Basic	



SF1311H-B



SF1311H-D



SF1311H-DV

	Bullet	Dome	Vandal Dome
Application Environment			
Indoor/Outdoor	Indoor/Outdoor (IP66)	Indoor	Indoor/Outdoor (IP66)
System			
Flash (MB)	128		
ROM(MB)	8		
Embedded OS	Linux		
Device			
Sensor	1/4 " progressive CMOS		
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
IR Sensitivity Range	850nm	No	850nm
Electronic Shutter	1/5-1/120		
Wide Dynamic Range	No		
Casing			
Vandal Proof	No		Yes
Lens			
F/No	F2.0	F1.8	F1.2
Focal Length	f6mm	f4.3mm	f2.7mm~f9mm
Auto IRIS Support	No		
Angle of View			
Horizontal Viewing Angle	33°	48°	65° ~ 22°
PTZ			
Pan & Tilt Degree	No		
Pan & Tilt Speed	No		
Preset Points	No		
Camera Tour	No		
Video			
Video Encoder	H.264/MPEG4/MJPEG simultaneously		
Effective Pixels	1280 x 1024		
Frame Rate	Up to 15fps at megapixel mode (1280x1024) ; Up to 30fps at VGA mode (640x480)		
Bit Rate	384-4096		
Bit Rate Mode	CBR/VBR		
Video Profile	13 profiles simultaneously		
Streaming	Simultaneously multi-profile streaming ; Streaming over UDP, TCP, or HTTP ; MJPEG streaming over HTTP ; Supports 3GPP mobile surveillance ; Controllable frame rate and bandwidth ; CBR/VBR (MPEG4/H.264)		
Signal to Noise	Better than 44dB		
Privacy Mask	No		
Text Overlay	Yes		
Image Orientation	Mirror, Vertical Flip		
Audio			
Audio Encoder	G.711/G.726/AMR (3GPP)		
Audio Streaming	Two way audio		
Microphone	External microphone input		
Network			
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		
Users	Up to 20 users simultaneously		
Alarm			
Alarm Triggers	Intelligent video motion detection and external input		
Interface			
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% humidity (operating)		-10°C-50°C , 20%-80% humidity (operating)
Software			
OS	Windows® XP/Vista/7		
Browser	IE 6.0/Firefox 2.0/Safari 4.0 or above		
Player	3GPP, VLC, Quick Time, Real Player, Coreplayer		
Bundled Software	IPWizard II, SecuGuard 64CH Basic		



SF1311H-C



SF1311H-CP

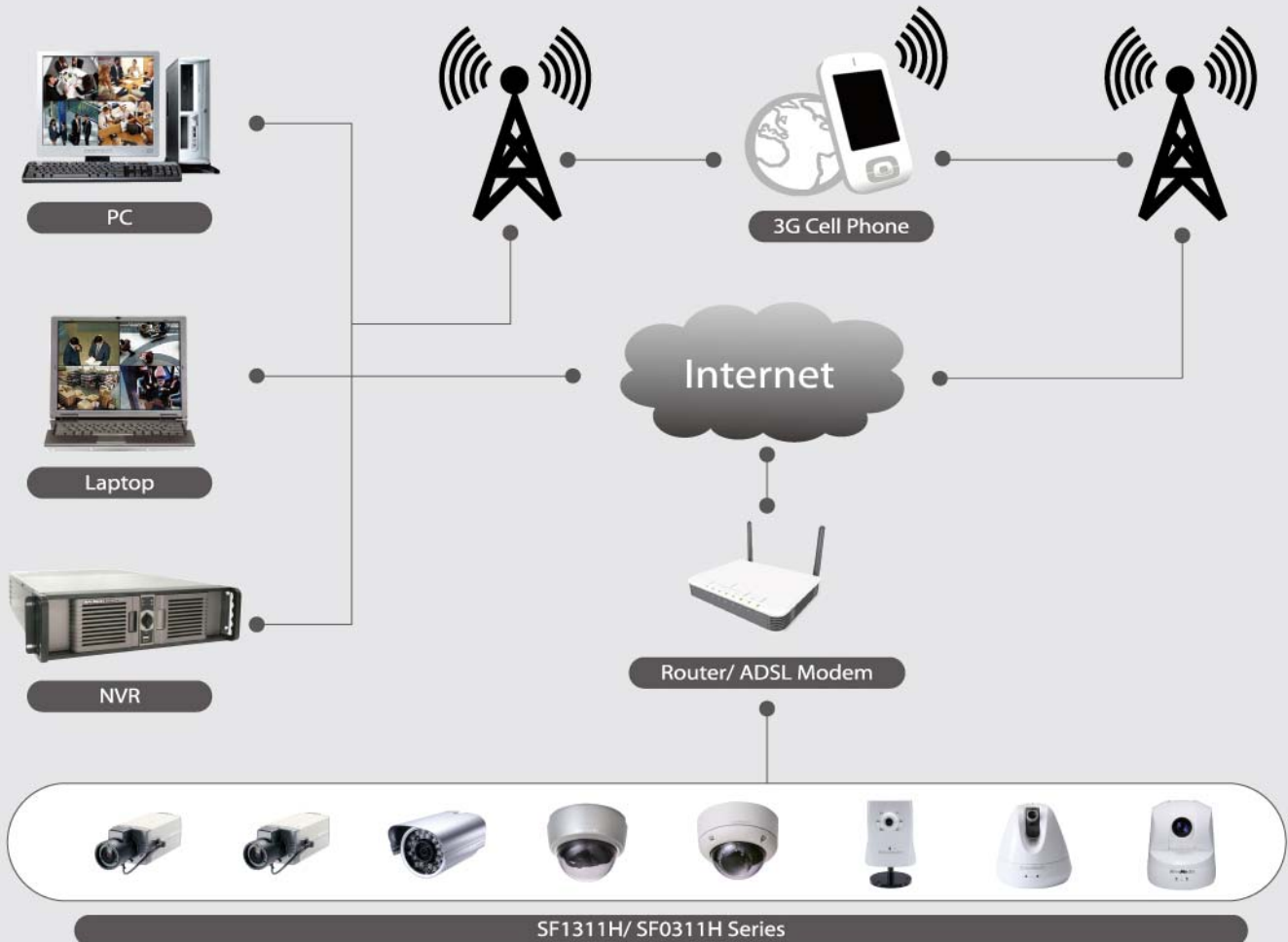


SF0311H-Z10

	Cube	PTZ	
Application Enviroment			
Indoor/Outdoor	Indoor		
System			
Flash (MB)	128		
ROM(MB)	8		
Embedded OS	Linux		
Device			
Sensor	1/4 " progressive CMOS		1/4" SONY CCD
Sensitivity	0 Lux @ F1.8 (LED on)		0.7 Lux (color) / 0.02 Lux (B/W)
Built-in LED	6pcs white light LEDs (around 5-10M)	4pcs white light LED (around 5-10M)	No
Built-in ICR	No		Yes
IR Sensitivity Range	No		
Electronic Shutter	1/5-1/120		Auto 1/60-1/120
Wide Dynamic Range	No		
Casing			
Vandal Proof	No		
Lens			
F/No	F1.8		
Focal Length	f4.3mm		10X (f3.8mm-f38.0mm)
Auto IRIS Support	No		
Angle of View			
Horizontal Viewing Angle	48°	48°	50°-5°
PTZ			
Pan & Tilt Degree	No	Pan:355°/Tilt:-10°-90°	
Pan & Tilt Speed	No	Pan: 180° per second/ Tilt: 120° per second	Pan: 180° per second/ Tilt: 150° per second
Preset Points	No	64 preset points	128 preset points
Camera Tour	No	16 tours	
Video			
Video Encoder	H.264/MPEG4/MJPEG simultaneously		
Effective Pixels	1280 x 1024		640x480
Frame Rate	Up to 15fps at megapixel mode (1280x1024) ; Up to 30fps at VGA mode (640x480)		Up to 30fps at VGA mode (640x480)
Bit Rate	384-4096		
Bit Rate Mode	CBR/VBR		
Video Profile	11 profiles simultaneously		9 profiles simultaneously
Streaming	Simultaneously multi-profile streaming ; Streaming over UDP, TCP, or HTTP; MJPEG streaming over HTTP ; Supports 3GPP mobile surveillance ; Controllable frame rate and bandwidth; CBR/VBR (MPEG4/H.264)		
Signal to Noise	Better than 44dB		Better than 50dB
Privacy Mask	No		
Text Overlay	Yes		
Image Orientation	Mirror,Vertical Flip		
Audio			
Audio Encoder	G.711/G.726/AMR (3GPP)		
Audio Streaming	Two way audio		
Microphone	Built-in microphone input		Built-in or External microphone input
Network			
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		
Users	Up to 20 users simultaneously		
Alarm			
Alarm Triggers	Intelligent video motion detection and external input		
Interface			
Digital Input/Output	No		1/1
Storage			
MicroSD Card Slot	Yes	No	Yes
General			
Power Supply	DC 12V 1A		
Power Consumption	5W (max) while IR LED on	5W (max)	12W (max)
PoE	IEEE 802.3af		
Dimensions (W x H x D)	83 x 102 x 21 (mm)	110 x 120 x 110 (mm)	110 x 135 x 110 (mm)
Net Weight	130 g (w/o bracket)	290g (w/o bracket)	435 g (w/o bracket)
Temperature and Humidity	0°C-40°C , 20%-80% humidity (operating)		
Software			
OS	Windows® XP/Vista/7		
Browser	IE 6.0/Firefox 2.0/Safari 4.0 or above		
Player	3GPP, VLC, Quick Time, Real Player, Coreplayer		
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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