

SND-3080/3080F

1/3" H.264 WDR Network Dome Camera



Features

- Real-time 30(25)fps at high resolution (4CIF)
- H.264, MPEG-4 & MJPEG triple codec
- WDR (Wide Dynamic Range) • XDR (Extend Dynamic Range)
- Progressive scan • Day & Night (Software)
- 2.8 ~ 11mm varifocal lens
- SD memory slot for internal recording
- PoE (Power over Ethernet)
- HTTPS security login support • IPv4/IPv6 support



SND-3080

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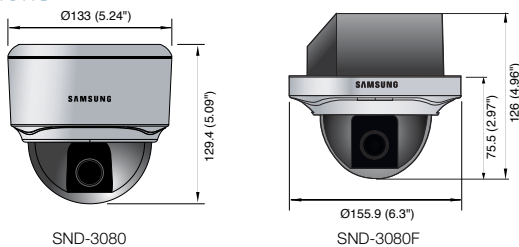
Technical Specifications

Camera	SND-3080/3080F	
Camera Type	Color / B/W	Color
Device		Super HAD PS CCD
Size		1/3"
Image	Scan	Progressive Scan
	Pixels	Total Effective
Scanning	Horizontal Frequency	Internal Mode
	Vertical Frequency	Internal Mode
Min. Scene Illumination	Color	Sens Off
	B/W	Sens-up 512x
Functions	Number of Privacy Zone	12ea (Polygonal method)
	Day & Night	Color / B/W / Auto (Soft method)
	eXtended Dynamic Range (XDR)	On / Off (Level setting)
	Wide Dynamic Range	NTSC : On / Off (128x) / PAL : On / Off (160x)
	Digital Zoom	1x ~ 16x (0.1x step)
	PIP	On / Off
	Electronic Shutter Speed	NTSC : 1/60 ~ 1/10Ksec / PAL : 1/50 ~ 1/10Ksec
	Flickerless	On / Off
	Sens-up (Frame Integration)	2x ~ 512x
	Backlight Compensation	On / Off (Area setting)
	AGC	On / Off (Max.level setting)
	White Balance	ATW1 / ATW2 / AWC / Manual
	Digital Noise Reduction	On / Off (Adaptive 3D + 2D)
	Digital Image Stabilization	On / Off
	Camera ID	On / Off (Max. 54ea / 2 line)
Etc. Function	Detail, Reverse (H/V), Posi/Nega	
Resolution	Horizontal / Vertical	600TV lines / 350TV lines
Video Output		VBS 1.0Vp-p
S/N Ratio		52dB
Lens	Focal Length	2.8 ~ 11mm
	Zoom Ratio	3.9x
	Aperature Ratio	F1.2
	Angular Field of View	H : 94.6°(Wide) ~ 28.8°(Tele) / V : 68.4°(Wide) ~ 21.6°(Tele)
Environmental Conditions	Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F)
	Operating Humidity	0% ~ 90% RH
	Power Requirement	Dual (12V DC / 24V AC), PoE
Power	Power Consumption	Max. 8W
	LED Indicator	Yes
Physical Specification	Dimensions (WxH)	SND-3080 : Ø133 x 129.4mm (Ø5.24" x 5.09") SND-3080F : Ø155.9 x 126mm (Ø6.3" x 4.96")
	Weight	SND-3080 : 523g (1.15 lb) / SND-3080F : 650g (1.43 lb)
	Color / Case	White / Plastic

Network	SND-3080/3080F	
OS		Embedded Linux
	Flash memory	32M byte
Network Board	RAM	256M byte
	Ethernet	RJ-45 (10/100 Base-T)
	Video Out	VBS 1.0Vp-p
	Audio	N/A
	SD Memory Slot	Yes (SD / SDHC)
Alarm	PoE	Yes (IEEE802.3af)
	Input / Output	2ea / 2ea
Video	Compression	H.264 / MPEG-4 / MJPEG Multiple codec (H.264 / MPEG-4 selectable) simultaneous dual streaming
	4CIF	NTSC : 704 x 480 / PAL : 704 x 576
	Resolution	VGA
	CIF	NTSC : 352 x 240 / PAL : 352 x 288
Audio	Max. Frame Rate	NTSC : 30, 15, 8, 3, 1fps / PAL : 25, 13, 6, 3, 1fps
	Quality	1 ~ 10 level (CBR / VBR)
OSD	Compression	N/A
	Bi-Directional Communication	N/A
Motion Detection	Camera Control and Adjustment	OSD menu on video (Menu enter/exit, move by Web UI)
	Sensitivity and Area Setting	High / Medium / Low
Protocol	IP	IPv4 / IPv6
	Network Protocol	IPv4
Connection	Streaming	TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP
	Security	PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3 (MIB-2), ARP, DNS, DDNS
Event Management	DDNS	TCP/IP, HTTP, HTTPS, SSL, DHCP
	Maximum User Access	Unicast, Multicast
	User Access Level	Administrator
Web Browser Viewer (Default)	Operator	Live monitoring, Alarm I/O control, OSD menu control, Set up
	User	Live monitoring, Alarm I/O control
Video Player	Alarm Input	Live monitoring
	Motion Detection	JPEG image transfer : FTP, JPEG image recording : SD memory
Application	Schedule	Notification : notify to viewer or by E-mail (one image attachment), Alarm out
	Supported OS	JPEG image transfer : FTP, E-mail, JPEG image recording : SD memory
SDK	Supported Browser	Windows XP, VISTA, 7
	UI Language	Internet Explorer 6.0 or higher
ActiveX	SW Upgrade	English, French, German, Spanish, Italian, Chinese, Korean
	CGI Command	Using web viewer UI
ActiveX SDK	RTP / RTSP Streaming	Quicktime, VLC player
	RTSP API	Samsung CMS S/W, 3rd party S/W application
ActiveX SDK	IP Installation	IP installer application for all Samsung IP devices
	CGI Command	Provides functionality to control cameras and set/retrieve internal parameter values
ActiveX SDK	RTSP API	Get JPEG image or MJPEG stream, Alarm in/out control
	SDK	RTP header, RTSP command document
ActiveX SDK	ActiveX API	ActiveX API for viewing data streams from IP camera
	SDK	

Dimensions

Unit : mm (inch)



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