

SND-5080/5080F

1/3" 1.3Megapixel HD Network Dome Camera



Features

- Max. 1.3M (1280 x 1024) resolution
- 16:9 HD (720p) resolution support
- Max. 30fps at HD (720p) resolution (22fps at 1.3M (SXGA))
- H.264, MPEG-4 & MJPEG triple codec
- Multiple streaming simultaneously
- Progressive scan • True Day & Night (ICR)
- 2.8 ~ 10mm Mega pixel varifocal lens (F1.2)
- Bi-directional audio support
- SD memory slot for internal recording
- Intelligent video analytics
- PoE (Power over Ethernet)



SND-5080

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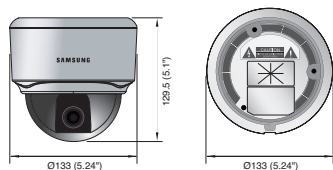
Technical Specifications

Camera		SND-5080/5080F
Camera Type	Color / B/W	Color
	Device	1.3Mega pixel Progressive Scan CMOS
	Size	1/3"
Image	Scan	Progressive Scan
	Pixels	1,384(H) x 1,076(V), 1.49M pixels
	Total Effective	1,329(H) x 1,049(V), 1.39M pixels
Min. Scene Illumination	Color	0.3Lux (F1.2, 50 IRE)
	B/W	0.01Lux (F1.2, 50 IRE)
	Sens Off	0.01Lux (F1.2, 50 IRE)
Functions	Privacy Mask	On / Off (12 Programmable zones)
	Day & Night	Color / B/W / Auto (ICR)
	Backlight Compensation	BLC / HLC / SDR / Off
	Electronic Shutter Speed	Auto (1/30 ~ 30,000sec) / A.FLK / Manual
	Gain Control	Low / Medium / High / Manual
	Sens-up (Frame Integration)	Auto / Off (Selectable up to 60x)
	2D+3D Noise Filter (SSNR)	On / Off (Level adjustment)
	White Balance	ATW / AWC / Manual / Indoor / Outdoor
	On Screen Display	Yes (Camera title support)
	Video Output	VBS 1.0Vp-p
S/N Ratio		50dB
	Focal Length	2.8 ~ 10mm
	Zoom Ratio	3.6x
Lens	Aperture Ratio	F1.2
	Angular Field of View	H : 94.6°(Wide) ~ 28.8°(Tele) / V : 68.4°(Wide) ~ 21.6°(Tele)
	Lens Drive Type	AI (DC)
Environmental Conditions	Mount Type	Board type
	Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F)
	Operating Humidity	0% ~ 90% RH
Power	Power Requirement	Dual (12V DC / 24V AC), PoE
	Power Consumption	Max. 7W
	LED Indicator	Yes
Physical Specification	Dimensions (WxH)	SND-5080 : Ø133 x 129.5mm (Ø5.24" x 5.1") SND-5080F : Ø160 x 125mm (Ø6.3" x 4.92")
	Weight	SND-5080 : 525g (1.16 lb) / SND-5080F : 765g (1.69 lb)
	Color / Case	White / Plastic

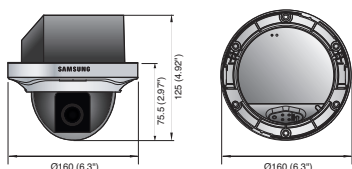
Dimensions

Unit : mm (inch)

SND-5080



SND-5080F



Network		SND-5080/5080F
Network Board	OS	Embedded Linux
	Flash memory	128M byte
	RAM	256M byte
	Ethernet	RJ-45 (10/100 Base-T)
	Video Out	VBS 1.0Vp-p
Alarm	Audio	Line in / Line out
	SD Memory Slot	Yes (SD / SDHC)
	PoE	Yes (IEEE802.3af)
Video	Input / Output	1ea / 1ea (Relay)
	Compression	H.264 / MPEG4 / MJPEG multiple codec
		SXGA : 1280 x 1024
	Resolution	HD (16 : 9) : 1280 x 720P
		SVGA : 800 x 600
Audio		VGA : 640 x 480
		QVGA : 320 x 240
	Max. Frame Rate	SXGA : 22fps, HD / SVGA / VGA / QVGA : 30fps
	H.264 / MPEG-4 Quality	Compression : 5 ~ 100 (20 steps), Target bitrate (CBR mode only) : 1 ~ 10 level
	MJPEG Quality	1 ~ 20 level
Protocol	Bitrate Control	H.264 / MPEG-4 : VBR / CBR, MJPEG : VBR
	Streaming	H.264 / MPEG-4/ MJPEG multiple streaming (Individual streaming simultaneously)
	Compression	G.711 u-law
	Bi-Directional Communication	Yes
	Motion Detection	Scene change, Virtual line, Enter/Exit, Appear/Disappear
Connection	Intelligent Motion Detection	IPV4 / IPV6
	IP	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF
	Network Protocol	IPV4
	IPV6	TCP/IP, HTTP, HTTPS, SSL, DHCP
	Streaming	Unicast, Multicast
Event Management	Security	HTTPS (SSL) login authentication, Digest login authentication, IP address filtering, User access log
	DDNS	Supporting samsung DDNS and public DDNS services
	Maximum User Access	Max. 10 users at Unicast mode, Max. 20 users at Multicast mode
	User Access Level	Administrator : Full control privilege Guest : Live monitoring only Additional User : Configurable privilege individually
	Alarm Input	Pre/Post alarm image buffering, Image recording : SD memory
Web Browser Viewer (Default)	Intelligent Video Detection	Event notification, Alarm out activation, E-mail notification
	Schedule	JPEG Image transfer : FTP, Image recording : SD memory
	Supported OS	Windows XP, VISTA 7, Mac OS
	Supported Browser	Internet Explorer 6.0 or Higher, Firefox, Google Chrome, Safari
	PTZ Control	Digital PTZ based on Mega Pixel Resolution
Application	Plug-in	MS SilverLight 4.0
	UI Language	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese
	S/W Upgrade	Using web viewer UI
	Video Player	RTP / RTSP Streaming : Quicktime, VLC player
	Video Management Software	Samsung CMS S/W, 3rd party S/W application
	IP Installation	IP installer application for all Samsung IP devices