

# SND-5010

1/3" 1.3Megapixel HD Network Flat 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))
- Built-in 3mm megapixel fixed (F1.8) lens
- H.264, MPEG-4 & MJPEG triple codec
- Multiple streaming simultaneously
- Progressive scan
- Intelligent video analytics
- PoE (Power over Ethernet)



## Technical Specifications

Camera		SND-5010
Camera Type	Color / B/W	Color
Image	Device	1.3Mega pixel Progressive Scan CMOS
	Size	1/3"
	Scan	Progressive Scan
Pixels	Total	1,384(H) x 1,076(V), 1.49M pixels
	Effective	1,329(H) x 1,049(V), 1.39M pixels
Min. Scene Illumination	Color	1Lux (50IRE@1.8)
	Sens-up off	
Functions	Privacy Mask	On / Off (12 Programmable zones)
	Day & Night	N/A
	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 III)	On / Off (Level adjustment)
	White Balance	ATW / AWC / Manual / Indoor / Outdoor
On Screen Display	Yes (Camera title support)	
Video Output	DIP connector	
S/N Ratio		50dB
Lens	Focal Length	3mm
	Aperture Ratio	F1.8
	Lens Drive Type	Fixed lens
	Mount Type	Board type
Environmental Conditions	Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F)
	Operating Humidity	0% ~ 90% RH
Power	Power Requirement	12V DC, PoE
	Power Consumption	Max. 6W
Physical Specification	LED Indicator	Yes
	Dimensions (WxHxD)	115.3 x 41.9 x 100.5mm (4.54" x 1.65" x 3.96")
	Weight	TBD
	Color	White
Case		Plastic

Network		SND-5010	
Network Board	OS	Embedded Linux	
	Hardware	Flash memory	128M byte
		RAM	256M byte
		Ethernet	RJ-45 (10/100 Base-T)
		Video Out	DIP connector
		Audio	N/A
SD Memory Slot		N/A	
Alarm	PoE	Yes (IEEE802.3af Class 2)	
	Input / Output	N/A	
Video	Compression	H.264 / MPEG4 / MJPEG multiple codec	
	Resolution	SXGA	1280 x 1024
		HD (16 : 9)	1280 x 720P
		SVGA	800 x 600
	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		
Bitrate Control	H.264 / MPEG-4 : VBR / CBR, MJPEG : VBR		
Streaming		H.264 / MPEG-4 / MJPEG multiple streaming (Individual streaming simultaneously)	
	Compression	N/A	
Audio	Bi-Directional Communication	N/A	
Motion Detection	Intelligent Motion Detection	Scene change, Virtual line, Enter/Exit, Appear/Disappear	
	IP	IPv4 / IPv6	
Protocol	Network Protocol	IPv4 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	
	IPv6	TCP/IP, HTTP, HTTPS, SSL, DHCP	
	Streaming	Unicast, Multicast	
	Security	HTTPS (SSL) login authentication, Digest login authentication, IP address filtering, User access log	
Connection	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	
	Event Management	Intelligent Video Detection Event notification, E-mail notification	
Web Browser Viewer (Default)	Schedule	JPEG Image transfer : FTP	
	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	
Video Player	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 Management Software	RTP / RTSP Streaming	Quicktime, VLC player	
Application	IP Installation	Samsung CMS S/W, 3rd party S/W application IP installer application for all Samsung IP devices	

## Dimensions

Unit : mm (inch)

