

SND-1010

1/4" CMOS H.264 Network Dome Camera



Features

- Max. VGA (640 x 480) resolution
- Max. 30fps at all resolution
- Built-in 2.9mm fixed (F2.0) lens
- H.264, MPEG-4 & MJPEG triple codec
- Multiple streaming simultaneously
- Progressive scan
- PoE (Power over Ethernet)
- HTTPS security login support
- Alarm input 1ea / output 1ea



Technical Specifications

Camera		SND-1010
Camera Type	Color / B/W	Color
	Device	Progressive Scan CMOS
Image	Size	1/4"
	Scan	Progressive Scan
Min. Scene Illumination	Color	1.4Lux (50 IRE@F2.0)
	Color Level	On / Off (Level adjustable)
Functions	Brightness	On / Off (Level adjustable)
	Sharpness	On / Off (Level adjustable)
	Exposure	NTSC : 1/60 ~ 1/10Ksec / PAL : 1/50 ~ 1/10Ksec
	AGC	Auto / Manual (-3 ~ 28dB)
Video Output		N/A
S/N Ratio		46dB
Lens	Focal Length	2.9mm
	Angular Field of View	TBD
	Lens Drive Type	Fixed iris
	Mount Type	Board-in type
Environmental Conditions	Operating Temperature	0°C ~ +50°C (+32°F ~ +122°F)
	Operating Humidity	0% ~ 90% RH
	Power Requirement	12V DC, PoE
Power	Power Consumption	TBD
	LED Indicator	Yes
Physical Specification	Dimensions (WxH)	Ø102 x 78mm (Ø4.02" x 3.07")
	Weight	330g (0.73 lb)
	Color	White
	Case	Plastic

Network		SND-1010	
OS		Embedded Linux	
	Flash memory	32M byte	
Network Board	RAM	128M byte	
	Ethernet	RJ-45 (10/100 Base-T)	
	Video Out	N/A	
	Audio	N/A	
	SD Memory Slot	N/A	
	PoE	Yes (IEEE802.3af Class 2)	
Alarm	Input / Output	1ea / 1ea (Relay)	
	Compression	H.264 / MPEG-4 / MJPEG Multiple codec	
Video	VGA	640 x 480	
	Resolution QVGA	320 x 240	
	QQVGA	160 x 120	
	Max. Frame Rate	30fps at all resolution	
H.264 / MPEG-4 Quality	Compression : 5 ~ 100 (20 steps), Target Bitrate (CBR mode only) : 1 ~ 10 level		
	MJPEG Quality	1 ~ 20 level	
Streaming	Bitrate Control	H.264 / MPEG-4 : VBR / CBR, MJPEG : VBR	
	Streaming	H.264 / MPEG-4/ MJPEG multiple streaming (Individual streaming simultaneously)	
Audio	Compression	N/A	
	Bi-Directional Communication	N/A	
Motion Detection	Sensitivity and Area Setting	Yes	
	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
		IPv6	TCP/IP, HTTP, HTTPS, SSL, DHCP
	Streaming	Unicast, Multicast	
Security		HTTPS (SSL) login authentication, Digest login authentication, IP address filtering, User access Log	
	DDNS	Supporting samsung DDNS and public DDNS services	
Connection	Maximum User Access	Max. 10 users at Unicast mode, Max. 20 users at Multicast mode	
	User Access Level	Administrator	Full control privilege
		Operator	Live monitoring only
		User	Configurable privilege individually
Event Management	Alarm Input	Event notification	
	Motion Detection	Alarm out activation	
	Schedule	JPEG image transfer : FTP, Alarm out activation	
Supported OS		Windows XP, VISTA, 7	
Web Browser Viewer (Default)	Supported Browser	Internet Explorer 6.0 or higher	
	UI Language	English, French, German, Spanish, Italian, Chinese, Korean	
SW 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	
Application	IP Installation	IP installer application for all Samsung IP devices	

Dimensions

Unit : mm (inch)

