

SNB-5000

1/3" 1.3Megapixel HD Network 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)
- Bi-directional audio support
- SD memory slot for internal recording
- Intelligent video analytics • PoE (Power over Ethernet)



Technical Specifications

Camera	SNB-5000	
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	0.3Lux (F1.2, 50 IRE)
	Sens Off	0.01Lux (F1.2, 50 IRE)
Functions	Privacy Mask	On / Off (8 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	High / Low / Off
	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	VBS 1.0Vp-p
S/N Ratio	50dB	
Lens	Lens Drive Type	Manual / AI (DC)
	Mount Type	CS / C
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
	Dimensions (WxHxD)	72 x 60 x 138.6mm (2.83" x 2.36" x 5.46")
Physical Specification	Weight	300g (0.66 lb)
	Color	Dark grey
Case	Metal	

Network	SNB-5000			
Network Board	OS	Embedded Linux		
	Hardware	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 / MPEG-4 / MJPEG multiple codec		
	Resolution	SXGA	1280 x 1024	
		HD (16 : 9)	1280 x 720P	
		SVGA	800 x 608	
	Max. Frame Rate	VGA	640 x 480	
		QVGA	320 x 240	
		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)			
Audio	Compression	G.711 a-law		
	Bi-Directional Communication	Yes		
Protocol	Intelligent Motion Detection	Scene change, Virtual line, Enter/Exit, Appear/Disappear		
	IP	IPv4 / IPv6		
	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		
	DDNS	Supporting samsung DDNS and public DDNS services		
	Maximum User Access	Max. 10 users at unicast mode, Max. 20 users at multicast mode		
	Connection	User Access Level	Administrator	Full control privilege
			Operator	Live monitoring only
		User	Configurable privilege individually	
Event Management	Alarm Input	Pre/Post alarm image buffering, Image recording : SD memory		
	Intelligent Video Detection	Event notification, Alarm out activation		
	Schedule	JPEG Image transfer : FTP, Image recording : SD memory, Alarm out activation		
Web Browser	Supported OS	Windows XP, VISTA, 7, Linux, Mac OS		
	Supported Browser	Internet Explorer 6.0 or Higher, Firefox, Google Chrome, Safari		
Viewer (Default)	PTZ Control	Digital PTZ based on Mega Pixel Resolution		
	Plug-in	MS SilverLight 4.0		
	UI Language	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese		
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	
Application	IP Installation		IP installer application for all Samsung IP devices	

Dimensions

Unit : mm (inch)

