

# 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)
	Case	Dark grey

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	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)

