

SNV-5080

1/3" 1.3Megapixel HD Vandal-Resistant 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 megapixel varifocal lens (F1.2)
- Bi-directional audio support • SD memory slot for internal recording
- Intelligent video analytics • PoE (Power over Ethernet)
- HTTPS security login support • Fan/Heater built-in for outdoor installation
- Surface/flush mounting selectable • IP66



Technical Specifications

Camera	SNV-5080	
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)
	B/W	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 / SDDR / 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	VBS 1.0Vp-p	
S/N Ratio	50dB	
Lens	Focal Length	2.8 ~ 10mm
	Zoom Ratio	3.6x
	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	Operating Temperature	-40°C ~ +50°C (Built-in fan/heater)
	Operating Humidity	0% ~ 90% RH (Waterproof)
Power	Power Requirement	Dual (12V DC / 24V AC), PoE
	Power Consumption	Max. 7W (Heater off) / Max. 11W (Heater on)
Physical Specification	LED Indicator	Yes
	Dimensions (WxH)	Ø160 x 134.5mm (6.3" x 5.3")
	Weight	1.34kg (2.21 lb)
Color	White Grey	
Case	Aluminum (IP66)	

Network	SNV-5080		
Network Board	OS	Embedded Linux	
	Hardware	Flash memory	128M byte
		RAM	256M byte
		Ethernet	RJ-45 (10/100 Base-T)
Alarm	Video Out	VBS 1.0Vp-p	
	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	
	Resolution	SXGA	1280 x 1024
		HD (16 : 9)	1280 x 720P
		SVGA	800 x 600
	Max. Frame Rate	VGA	640 x 480
		QVGA	320 x 240
	H.264 / MPEG-4 Quality	SXGA : 22fps, HD / SVGA / VGA / QVGA : 30fps	
MJPEG Quality	Compression : 5 ~ 100 (20 steps), Target bitrate (CBR mode only) : 1 ~ 10 level		
Bitrate Control	1 ~ 20 level		
Audio	Streaming	H.264 / MPEG-4 / MJPEG multiple streaming (Individual streaming simultaneously)	
	Compression	G.711 u-law	
	Bi-Directional Communication	Yes	
	Intelligent Motion Detection	Scene change, Virtual line, Enter/Exit, Appear/Disappear	
Protocol	IP	IPV4 / IPV6	
	Network Protocol	IPV4	TCP/IP, UDP/IP, RTP(JUDP), 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	
Connection	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
Event Management	Guest	Live monitoring only	
	Additional User	Configurable privilege individually	
	Alarm Input	Pre/Post alarm image buffering, Image recording : SD memory	
	Intelligent Video Detection	Event notification, Alarm out activation, E-mail notification	
Web Browser Viewer (Default)	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	
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		
Application	Quicktime, VLC player		
	Samsung CMS S/W, 3rd party S/W application		
	IP installer application for all Samsung IP devices		

Dimensions

Unit : mm (inch)

