

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 / SSSDR / 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 (SSNRIII)	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	
	Focal Length	2.8 ~ 10mm
Lens	Zoom Ratio	3.6x
	Aperature 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)
	Mount Type	Board type
Environmental Conditions	Operating Temperature	-40°C ~ +50°C (Built-in fan/heater)
Power	Operating Humidity	0% ~ 90% RH (Waterproof)
	Power Requirement	Dual (12V DC / 24V AC), PoE
Physical Specification	Power Consumption	Max. 7W (Heater off) / Max. 11W (Heater on)
	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	
OS	Embedded Linux	
	Flash memory	
	128M byte	
	RAM	
Network Board	256M byte	
	Ethernet	
	RJ-45 (10/100 Base-T)	
	Video Out	
	VBS 1.0Vp-p	
Hardware	Audio	
	Line in / Line out	
	SD Memory Slot	
	Yes (SD / SDHC)	
PoE	Yes (IEEE802.3af)	
	Alarm	
Input / Output	1ea / 1ea (Relay)	
	Compression	
H.264 / MPEG4 / MJPEG multiple codec		
Video	SXGA	
	1280 x 1024	
	HD (16:9)	
	1280 x 720P	
	Resolution	
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)		
Audio	Compression	
	G.711 u-law	
Bi-Directional Communication		
Yes		
Motion Detection	Intelligent Motion Detection	
	Scene change, Virtual line, Enter/Exit, Appear/Disappear	
Protocol	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	
Guest		
Live monitoring only		
Additional 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, E-mail notification		
Schedule		
JPEG Image transfer : FTP, Image recording : SD memory		
Web Browser Viewer (Default)	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		
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 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)

