

iPOLiS **NEW**

SNP-3120V

1/4" 12x H.264 Vandal-Resistant Network PTZ Dome Camera



NETWORK

Features

- Real-time 30(25)fps at high resolution (4CIF)
- Max. resolution : 704 x 480, 704 x 576(4CIF)
- H.264, MPEG-4 & MJPEG triple codec
- WDR (Wide Dynamic Range) • XDR (Extended Dynamic Range)
- Progressive scan • True Day & Night (ICR)
- Powerful 12x optical zoom and 16x digital zoom
- SD memory slot for internal recording
- hPoE (High Power over Ethernet)
- Bi-directional Audio Support • Rotating Speed : MAX. 650°/sec
- Fan/Heater built-in for outdoor installation • IP66



Technical Specifications

Camera	SNP-3120V	
Camera Type	Color / B/W	Color
Device		Ex-view HAD PS CCD
Size		1/4"
Scan		Progressive Scan (VPS on) (When WDR on, Interlaced Scan)
Image	Total Effective	NTSC : 811 x 508 / PAL : 795 x 596
	Horizontal Frequency	NTSC : 15.734Hz / PAL : 15.625Hz
Scanning	Internal Mode	NTSC : 15.750Hz / PAL : 15.625Hz
	Vertical Frequency	NTSC : 59.94Hz / PAL : 50Hz
Min. Scene Illumination	Color	0.36Lux (15 IRE) / 0.72Lux (30 IRE) / 1.2Lux (50 IRE)
	Sens-up 512x	0.0007Lux (15 IRE) / 0.0014Lux (30 IRE) / 0.0023Lux (50 IRE)
	Sens-off	0.036Lux (15 IRE) / 0.072Lux (30 IRE) / 0.12Lux (50 IRE)
Functions	Wide Dynamic Range	Off / Low / Medium / High
	Extended Dynamic Range (XDR)	On / Off (1x ~ 16x)
	Digital Zoom	NTSC : 1/60 ~ 1/10Ksec / PAL : 1/50 ~ 1/10Ksec
Resolution	Horizontal / Vertical	600TV lines / 350TV lines
	Video Output	VBS 1.0Vp-p
	S/N Ratio	52dB
Lens	Focal Length	3.69 ~ 44.32mm
	Zoom Ratio	12x optical
	Aperture Ratio	F1.65(Wide) ~ F2.01(Tele)
Pan / Tilt	Angular Field of View	H : 54.44°(Wide) ~ 4.64°(Tele) / V : 41.44°(Wide) ~ 3.52°(Tele)
	Focus	Auto / Manual / One-push
	Mount Type	Board type
Remote Control	Speed	0.05 ~ 120°/sec
	Range	0 ~ 360° (Endless) / 190°
	Number of Group	6ea
Environmental Conditions	Operating Temperature	-40°C ~ +50°C
	Operating Humidity	Less than 90%
	Power Requirement	24V AC, hPoE
Physical Specification	Power Consumption	Max. 17W (Heater off) / Max. 37W (Heater on)
	Dimensions (WxH)	Ø165 x 165mm (Ø6.5" x 6.5")
	Weight	2Kg (4.41 lb)
Color / Case		Ivory / Aluminum (IP66)

Network	SNP-3120V	
OS		Embedded Linux
	Flash memory	128M byte
		RAM
Network Board	Ethernet	RJ-45 (10/100 Base-T)
	Video Out	VBS 1.0Vp-p
	Audio	Line in / Line out
Alarm	SD Memory Slot	Yes (SD / SDHC)
	PoE	hPoE
	Input / Output	2ea / 2ea(Relay)
Video	Compression	H.264 / MPEG-4 / MJPEG Multiple codec
	Resolution	4CIF VGA CIF NTSC : 704 x 480 / PAL : 704 x 576 640 x 480 NTSC : 352 x 240 / PAL : 352 x 288
	Max. Frame Rate	30(25)fps at all resolutions
Streaming	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
Audio	H.264 / MPEG-4 / MJPEG multiple streaming	(Individual streaming simultaneously)
	Streaming	G.711 u-law
	Compression	Bi-Directional Communication
Motion Detection	Intelligent Motion Detection	Motion Detection, Moved / Fixed
	IP	IPV4 / IPV6
	Protocol	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
Security	Network	TCP/IP, HTTP, HTTPS, SSL, DHCP
	Protocol	Unicast, Multicast
	Streaming	HTTPS (SSL) login authentication, Digest login authentication, IP address filtering, User access log
Connection	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 Guest Additional User
Event Management	Full control privilege	Live monitoring only
	Configurable privilege individually	Pre/Post alarm image buffering, Image recording : SD memory
	Alarm Input	Event notification, Alarm out activation, PTZ preset move
Web Browser	Intelligent Video Detection	JPEG Image transfer : FTP, Image recording : SD memory
	Schedule	Windows XP, VISTA 7, Mac OS
	Supported OS	Internet Explorer 6.0 or Higher, Firefox, Google Chrome, Safari
Viewer (Default)	Supported Browser	Yes
	PTZ Control	MS SilverLight 4.0
	Plug-in	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese
Video Player	UI Language	Using web viewer UI
	S/W Upgrade	Quicktime, VLC player
	RTP / RTSP Streaming	Samsung CMS S/W, 3rd party S/W application
Application	Video Management Software	IP installer application for all Samsung IP devices
	IP Installation	

Dimensions

Unit : mm (inch)

