

Better Protection, Better Performance



12x Vandal-Resistant Network Dome Camera

SNV-3120

The SNV-3120 is the vandal-resistant network dome camera with 12x optical zoom. It supports high resolution of 4CIF and 30(25)ips of frame rate. Multiple codec, H.264, MPEG-4, and MJPEG are available simultaneously so that users can select a compression method which fits their purpose and network environment. Also, the SNV-3120 is capable of Day & Night(ICR), WDR, and DNR functions, providing crisp clear images at any condition.

- 12x optical, 16x digital Zoom
- High resolution of 4 CIF, 30(25) ips of frame rate
- H.264, MPEG-4 & MJPEG Multiple Encoding
- Day & Night (ICR), WDR
- Built-in SD memory card slot

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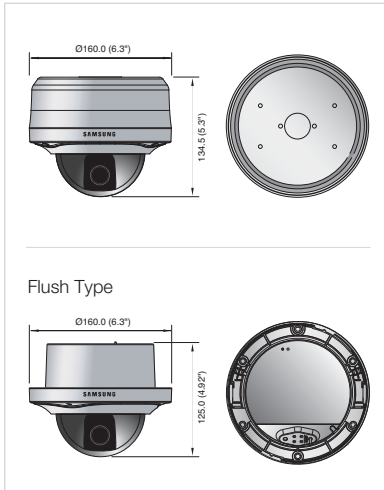
Specifications



	SNV-3120N	SNV-3120P
VIDEO		
Imaging Device	1/4" Ex-view HAD PS CCD	
Total Pixels	811(H) x 508(V)	795(H) x 596(V)
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 600TV lines	
Min. Illumination	Color:0.7Lux(F1.65, 50IRE), 0.001Lux(Sens-up 512x) B/W:0.07Lux(F1.65, 50IRE), 0.0001Lux(Sens-up 512x)	
S/N Ratio / Video Output	50dB / CVBS : 1.0 Vp-p / 75Ω composite	
LENS		
Focal Length (Zoom Ratio)	3.69 ~ 44.32mm (12x)	
Max. Aperture Ratio	F1.65(Wide) / F2.01(Tele)	
Angular Field of View	H : 54.44°(Wide) ~ 4.64°(Tele), V : 41.42°(Wide) ~ 3.52°(Tele)	
Min. Object Distance	0.2m (Wide) / 0.8m (Tele)	
Pan / Tilt / Rotate Range	0° ~ 355° / 0° ~ 90° / 0° ~ 355°	
Preset / Preset Accuracy	12ea / ±0.1°	
OPERATIONAL		
Camera Title / Day & Night	Off / On (Displayed up to 54 characters) / Auto (ICR) / Color / B/W	
Backlight Compensation	Off / BLC / WDR	
Wide Dynamic Range	128x, 52dB	160x, 52dB
Contrast Enhancement	XDR (eXtended Dynamic Range) - Off / Low / Middle / High	
Digital Noise Reduction	Motion adaptive 2D+3D noise filter (Off / Low / Middle / High / User)	
Motion Detection	Off / On (4 programmable zones)	
Privacy Masking	Off / On (12 polygonal programmable zones)	
Sens-up (Frame Integration)	Off / Auto (2x ~ 512x)	
Gain Control	Off / Very Low / Low / Medium / High / Very High	
White Balance	ATW1 / ATW2 / AWC / Manual	
Electronic Shutter Speed	Off / Manual (1/100 ~ 1/10Ksec)	
Digital Zoom / Flip/Mirror	16x / Digital flip	
VPS / Intelligent Video Analytics	Off / On / Moved / Fixed	
Alarm I/O	Input 1ea / Output 1ea (Relay)	
NETWORK		
Ethernet / Video Compression Format	RJ-45 (10/100BASE-T) / H.264, MPEG-4, MJPEG	
Resolution	704 x 480, 640 x 480, 352 x 240, 320 x 240	704 x 576, 640 x 480, 352 x 288, 320 x 240
Max. Framerate	30fps	25fps
Video Quality Adjustment	H.264, MPEG-4 : Compression level, Target bitrate level control, MJPEG : Quality level control	
Bitrate Control Method	H.264, MPEG-4 : CBR or VBR, MJPEG : VBR	
Streaming Capability	Multiple streaming (Up to 10 profiles)	
Audio Compression Format	G.711 u-law	
Audio Communication	Bi-directional audio	
IP	IPv4, IPv6	
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE	
Security	FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	
Streaming Method	Unicast / Multicast	
Max. User Access / Memory Slot	10 users at unicast mode / SD/SDHC memory slot	
Web Viewer	Supported OS : Windows XP / VISTA / 7, MAC OS	
	Supported Browser : Internet Explorer 6.0 or Higher, Firefox, Google Chrome, Apple Safari	
Central Management Software	NET-i viewer	
ENVIRONMENTAL		
Operating Temperature / Humidity	-40°C ~ +50°C (-40°F ~ +122°F) / Less than 90% RH	
Ingress Protection	IP66 Grade (Waterproof)	
ELECTRICAL		
Input Voltage / Current	12V DC, 24V AC, PoE (IEEE802.3af)	
Power Consumption	Max. 8W (Heater off), Max. 11W (Heater on) *Heaters work with 24V AC only	
MECHANICAL		
Color / Material	Light gray / Aluminum	
Dimensions (WxH)	Ø160.0 x 134.5mm (Ø6.3" x 5.3")	
Weight	1.5Kg (3.31 lb)	

Dimensions

Unit : mm (inch)



The Eco mark represents Samsung Technwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.



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