

# SNV-3120

4CIF 12x Vandal-Resistant Network Dome Camera

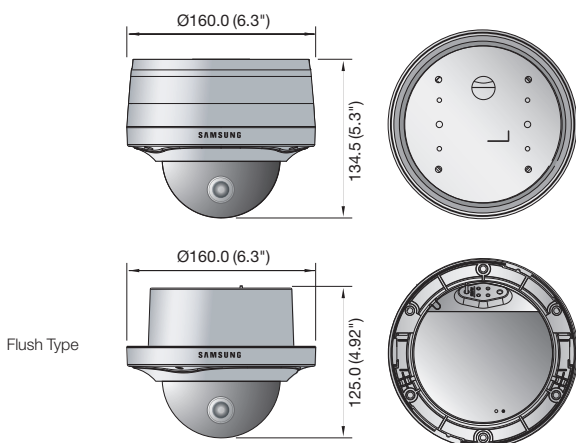


## Key Features

- Max. 30(25)fps at 4CIF resolution
- 3.69 ~ 44.32mm (12x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- Multiple streaming
- PoE, SD memory, IP66, Bi-directional audio support
- Intelligent video analytics

## Dimensions

Unit : mm (inch)



## Accessories (Optional)



SBP-300WM1 SBP-300WM SBP-300CM SBP-300HM3 SBP-300LM SBP-300PM SBP-300KM

## Technical Specifications

	SNV-3120N	SNV-3120P
<b>VIDEO</b>		
Imaging Device	1/4" Ex-view HAD PS CCD	
Total Pixels	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Scanning System	Progressive (VPS on) (If WDR on, Interlaced scan)	
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	50dB	
Video Output	CVBS : 1.0Vp-p / 75Ω composite	
<b>LENS</b>		
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)	
Focus Control	AF / One-shot AF / Manual	
Lens Type	DC auto iris	
<b>PAN / TILT / ROTATE</b>		
Pan Range	0° ~ 355°	
Tilt Range	0° ~ 90°	
Rotate Range	0° ~ 355°	
Preset	12ea	
Preset Accuracy	±0.1°	
<b>OPERATIONAL</b>		
Camera Title	Off / On (Displayed up to 54 characters)	
Day & Night	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)	
Digital Image Stabilization	Off / On	
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	16x	
Flip / Mirror	Digital flip	
VPS	Off / On	
Intelligent Video Analytics	Moved / Fixed	
Alarm I/O	Input 1ea / Output 1ea (Relay)	
<b>NETWORK</b>		
Ethernet	RJ-45 (10/100BASE-T)	
Video Compression Format	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 I/O	Mic / Line in, Line out	
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 FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS	
Security	HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log	
Streaming Method	Unicast / Multicast	
Max. User Access	10 users at unicast mode	
Memory Slot	SD/SDHC memory slot	
ONVIF Conformance	Yes	
Web Viewer	Supported OS : Windows XP / VISTA / 7, MAC OS Supported Browser : Internet Explorer 6.0/7.0/8.0, Firefox, Google Chrome, Apple Safari NET-i viewer	
<b>Central Management Software</b>		
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	24V AC : -40°C ~ +50°C (-40°F ~ +122°F) / Less than 90% RH 12V DC, PoE : -10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH	
Ingress Protection	IP66 Grade (Waterproof)	
<b>ELECTRICAL</b>		
Input Voltage / Current	12V DC, 24V AC, PoE (IEEE802.3af)	
Power Consumption	Max. 8W (Heater off), Max. 11W (Heater on)	
<b>MECHANICAL</b>		
Color / Material	Ivory / Aluminum	
Dimensions (WxH)	Ø160.0 x 134.5mm (Ø6.3" x 5.3")	
Weight	1.5Kg (3.31 lb)	

\* The latest product information / specification can be found at [www.samsungsecurity.com](http://www.samsungsecurity.com)