

# SND-1080



VGA Network Dome Camera

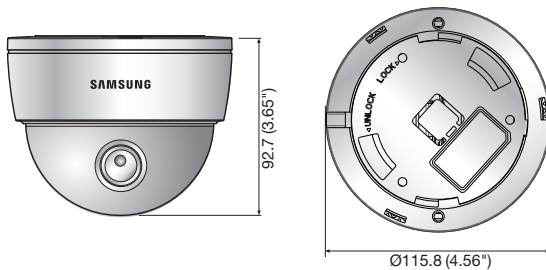


## Key Features

- Max. 30fps at VGA resolution
- 2.2 ~ 7.7mm (3.5x) varifocal lens
- H.264, MJPEG dual codec
- Multiple streaming
- Face detection
- PoE, SD memory, Bi-directional audio support

## Dimensions

Unit : mm (inch)



SND-1080N/P	
<b>VIDEO</b>	
Imaging Device	1/4" PS CMOS
Total Pixels	680(H) x 512(V)
Effective Pixels	640(H) x 480(V)
Scanning System	Progressive
Min. Illumination	0.7Lux (F1.2, 50IRE)
S / N Ratio	50dB
Video Out	DIP connector type, for installation
<b>LENS</b>	
Focal Length (Zoom Ratio)	2.2 ~ 7.7mm (3.5x) varifocal
Max. Aperture Ratio	F1.2
Angular Field of View	H : 94°(Wide) ~ 26.5°(Tele) / V : 70°(Wide) ~ 20°(Tele)
Min. Object Distance	0.5m (1.64ft)
Lens Type	DC auto iris
Mount Type	Board type (Ø14)
<b>PAN / TILT / ROTATE</b>	
Pan Range	0° ~ 352°
Tilt Range	17° ~ 90°
Rotate Range	0° ~ 351°
<b>OPERATIONAL</b>	
Camera Title	Off / On (Displayed up to 15 characters)
Day & Night	Auto (Electrical) / Color / B/W / External
Backlight Compensation	Off / BLC
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)
Digital Noise Reduction	SSNR III (2D+3D noise filter) (Off / On)
Motion Detection	Off / On (4 programmable zones)
Privacy Masking	Off / On (32ea 4 points polygonal)
Sens-up (Frame Integration)	Off / Auto (2x ~ 60x)
Gain Control	Off / Low / Medium / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Auto / A.FLK / Manual (1/30 ~ 1/12,000sec)
Flip / Mirror	Off / On
Intelligent Video Analytics	Face detection
Alarm I/O	Input 1ea
<b>NETWORK</b>	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264, MJPEG
Resolution	640 x 480, 320 x 240, 160 x 120
Max. Framerate	Max. 30fps at all resolutions
Video Quality Adjustment	H.264 : Compression level, Target bitrate level control MJPEG : Quality level control
Bitrate Control Method	H.264 : 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, QoS
Security	HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log, 802.1x Authentication
Streaming Method	Unicast / Multicast
Max. User Access	10 users at unicast mode
Memory Slot	Micro SD/SDHC memory slot
ONVIF Conformance	Yes (Profile S)
Webpage Language	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek, Norwegian, Finnish
Web Viewer	Supported OS : Windows XP / VISTA / 7, MAC OS Supported Browser : Internet Explorer 7.0/8.0, Firefox, Google Chrome, Apple Safari
Central Management Software	SmartViewer
<b>ENVIRONMENTAL</b>	
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / 20% ~ 80% RH
<b>ELECTRICAL</b>	
Input Voltage / Current	12V DC, PoE (IEEE802.3af)
Power Consumption	Max.3.4W (12V DC), Max.4W (PoE)
<b>MECHANICAL</b>	
Color / Material	Ivory / Plastic
Dimensions (WxH)	Ø115.8 x 92.7mm (Ø4.56" x 3.65")
Weight	380g (0.84lb)

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