

SND-7080/7080F



3Megapixel Full HD Network Dome Camera



SND-7080

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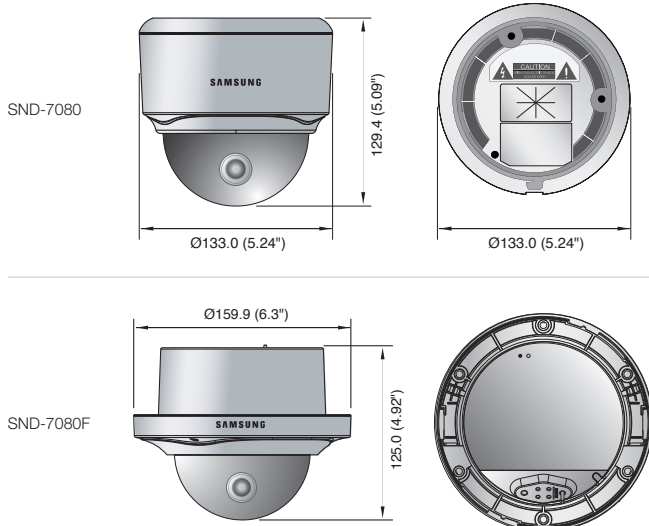


Key Features

- Max. 3M (2048 x 1536) resolution
- 16 : 9 Full HD (1080p) resolution support
- 3 ~ 8.5mm (2.8x) motorized Vari-focal lens
- H.264, MJPEG dual codec
- WDR (supported in 2M mode only)
- Smart codec (ROI encoding)

Dimensions

Unit : mm (inch)



Technical Specifications

	SND-7080(F)N/P
VIDEO	
Imaging Device	1/2.8" 3M PS CMOS
Total Pixels	2,144(H) x 1,588(V)
Effective Pixels	2,096(H) x 1,561(V)
Scanning System	Progressive
Min. Illumination (TBD)	Color : 1Lux (F1.2, 50IRE), 0.017Lux (Sens-up 60x) B/W : 0.08Lux (F1.2, 50IRE), 0.001Lux (Sens-up 60x)
S / N Ratio	50dB
Video Output	CVBS : 1.0 Vp-p / 75Ω composite, 704 x 480(N), 704 x 576(P), for installation
LENS	
Focal Length (Zoom Ratio)	3 ~ 8.5mm (2.8x) Motorized vari-focal
Max. Aperture Ratio	F1.2
Angular Field of View	H : 100°(Wide) ~ 35.3°(Tele), V : 74.6°(Wide) ~ 26°(Tele)
Min. Object Distance	0.5m (1.64ft)
Focus Control	Remote control via network (Manual, One-shot AF)
Lens Type	DC auto iris
Mount Type	Board-in type
PAN / TILT / ROTATE	
Pan Range	0° ~ 355°
Tilt Range	0° ~ 90°
Rotate Range	0° ~ 355°
OPERATIONAL	
Camera Title	Off / On (Displayed up to 15 characters)
Day & Night	Auto (ICR) / Color / B/W / External B/W
Backlight Compensation	Off / BLC / HLC / WDR
Wide Dynamic Range	(* 2M mode only), 52dB
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)
Digital Noise Reduction	SSNR3 (2D+3D noise filter) (Off / On)
Motion Detection	Off / On (4 programmable zones)
Privacy Masking	Off / On (1ea 4 point polygonal + 16ea rectangular zones)
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 ~ 30,000sec)
Flip / Mirror	Off / On
Alarm I/O	Input 1ea / Output 1ea (Relay)
NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264, MJPEG
Resolution	3M mode - H.264 : Max. 20fps at all resolutions MJPEG : 800 x 600 ~ 320 x 180 - 20fps 1280 x 1024 ~ 1600 x 1200 - 15fps 1920 x 1080 ~ 2048 x 1536 - 10fps
	2M mode - H.264 : Max. 30fps at all resolutions (When WDR on, Max. framerate is Max. 15fps.) MJPEG : 800 x 600 ~ 320 x 180 - 30fps 1280 x 1024 ~ 1920 x 1080 : 15fps
	1M mode - H.264 : Max. 30fps at all resolutions (When WDR on, Max. framerate is Max. 15fps.) MJPEG : 800 x 600 ~ 320 x 180 - 30fps 1280 x 1024 ~ 1920 x 1080 : 15fps
	0.5M mode - H.264 : Max. 30fps at all resolutions (When WDR on, Max. framerate is Max. 15fps.) MJPEG : 800 x 600 ~ 320 x 180 - 30fps 1280 x 1024 ~ 1920 x 1080 : 15fps
Max. Framerate	3M mode : Max. 20fps, 2M mode : Max. 30fps * When WDR on, Max. framerate is Max. 15fps
Smart Codec	Yes (Area based method, Face detection method)
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 6 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
Security	FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF 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	SD/SDHC memory slot
ONVIF Conformance	Yes
Webpage Language	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek
Web Viewer	Supported OS : Windows XP / VISTA / 7, MAC OS Supported Browser : Internet Explorer 7.0 or Higher, Firefox, Google Chrome, Apple Safari
Central Management Software	NET-i viewer
ENVIRONMENTAL	
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 80% RH
ELECTRICAL	
Input Voltage	12V DC, 24V AC, PoE (IEEE802.3af)
Power Consumption	Max. 7W
MECHANICAL	
Color / Material	Ivory / Plastic
Dimensions (WxH)	SND-7080 : Ø133.0 x 129.4mm (Ø5.24" x 5.09") SND-7080F : Ø159.9 x 125.0mm (Ø6.3" x 4.92") (Flush mounting type)
Weight	SND-7080 : 700g (1.54 lb), SND-7080F : 800g (1.76 lb)