

## Count on Network Camera



### Object Counting WDR Network Dome Camera

# SND-3080C/3080CF

The SND-3080C/3080CF features intelligent video analytic of object/people counting. When the user set virtual line or area on the scene, the camera counts objects/people that enter/exit. This can provide valuable information for stores' marketing, for example, to which product customers show interest. Along with this intelligent video function, the SND-3080C/3080CF features image capture up to 4CIF and real-time frame rate of 30(25 PAL)fps. Multiple codecs (H.264, MPEG-4, and MJPEG) can be transmitted simultaneously allowing users to select a compression method which fits their purpose and network environment.

- Max.4CIF (704 x 480, 704 x 576) resolution
- Max. 30(25)fps at 4CIF
- H.264, MPEG-4 & MJPEG triple codec
- WDR (Wide Dynamic Range)
- Object counting functions
- SD memory slot
- PoE (Power over Ethernet)

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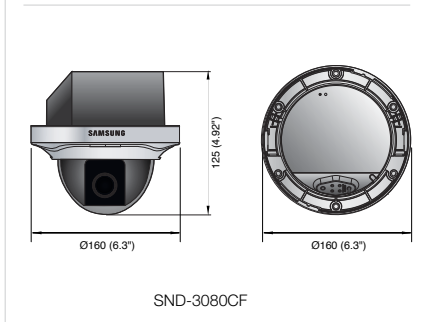
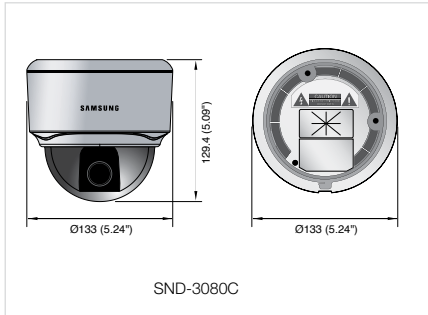
## Specifications



	SND-3080C(F)N	SND-3080C(F)P
<b>VIDEO</b>		
Imaging Device	1/3" Super 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 (If WDR on, Interlaced scan)	
Synchronization	Internal	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 600TV lines	
Min. Illumination	Color : 0.4Lux (F1.2, 50IRE), 0.001Lux (Sens-up 512x) B/W : 0.4Lux (F1.2, 50IRE), 0.001Lux (Sens-up 512x)	
S / N Ratio	52dB	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
<b>LENS</b>		
Focal Length (Zoom Ratio)	2.8 ~ 11mm (3.9x) Vari-focal	
Max. Aperture Ratio	F1.2	
Angular Field of View	H : 94.6°(Wide) ~ 28.8°(Tele), V : 68.4°(Wide) ~ 21.6°(Tele)	
Lens Type	DC auto iris	
Mount Type	Board type	
<b>PAN / TILT / ROTATE</b>		
Pan Range	0° ~ 355°	
Tilt Range	0° ~ 90°	
Rotate Range	0° ~ 355°	
<b>OPERATIONAL</b>		
On Screen Display	English, French, Spanish, Portuguese, Japanese	English, French, German, Spanish, Italian, Chinese
Camera Title	Off / On (Displayed up to 54 characters)	
Day & Night	Auto / Day / Night (Software method)	
Backlight Compensation	Off / BLC / WDR	
Wide Dynamic Range	128x	160x
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	Yes	
Privacy Masking	Off / On (12 Polygonal programmable zones, 4 point polygonal method)	
Sens-up (Frame Integration)	Off / Auto (2x ~ 512x)	
Gain Control	AGC (Low / Middle / High)	
White Balance	ATW1 / ATW2 / AWG / 3200K / 5600K	
Electronic Shutter Speed	Off / Auto (1/100 ~ 1/10Ksec)	Off / Auto (1/120 ~ 1/10Ksec)
Digital Zoom	16x	
Flip / Mirror	Yes	
Profile	Standard / ITS / Backlight / Day & Night / Gaming / Custom	
Intelligent Video Analytics	Object counting (Line-based counting, Area-based counting)	
PIP	Off / On	
Alarm I/O	Input 2ea / Output 2ea (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	704 x 576, 640 x 480, 352 x 288
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	Dual streaming (MPEG-4 + MJPEG or H.264 + MJPEG)	
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 User access log	
Streaming Method	Unicast / Multicast	
Max. User Access	10 users at unicast mode	
Memory Slot	SD/SDHC memory slot	
Web Viewer	Supported OS : Windows XP / VISTA / 7 Supported Browser : Internet Explorer 6.0 or Higher	
Central Management Software	NET-i viewer	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 80% RH	
<b>ELECTRICAL</b>		
Input Voltage / Current	12V DC, 24V AC, PoE (IEEE802.3af)	
Power Consumption	Max. 7W	
<b>MECHANICAL</b>		
Color / Material	White / Plastic	
Dimension (WxH)	SND-3080C : Ø133 x 129.4mm (Ø5.24" x 5.09") SND-3080CF : Ø160 x 125mm (Ø6.3" x 4.92") (Flush mounting type)	
Weight	SND-3080C : 523g (1.15 lb), SND-3080CF : 650g (1.43 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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