

# High Resolution Day & Night Dome Camera

## SID-47/48/49

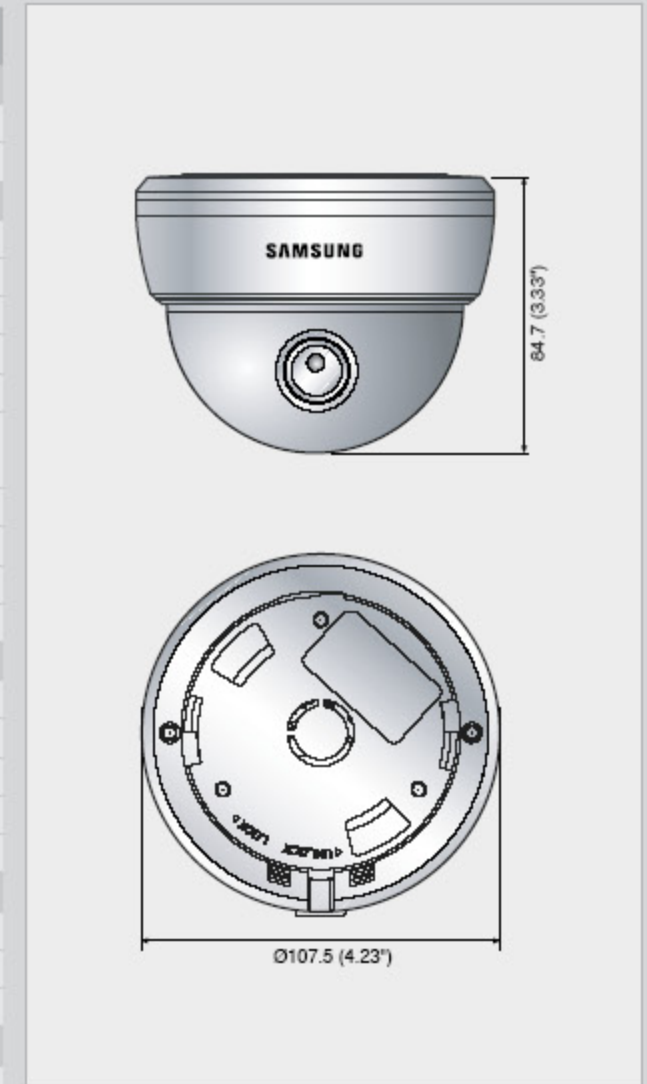


### Specifications

	SID-47N	SID-47P	SID-48N	SID-48P	SID-49N	SID-49P
<b>ELECTRICAL</b>						
Input Voltage	Dual (12V DC/ 24V AC)					
Power Consumption	Max. 2.5W					
<b>VIDEO</b>						
Imaging Device	1/3" Super HAD CCD					
Total Pixels	811(H) x 508(V)	795(H) x 596(V)	811(H) x 508(V)	795(H) x 596(V)	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)	768(H) x 494(V)	752(H) x 582(V)	768(H) x 494(V)	752(H) x 582(V)
Scanning System	2 : 1 Interlace					
Synchronization	Internal / Line lock					
Frequency	H : 15.734KHz V : 59.94Hz	H : 15.625KHz V : 50Hz	H : 15.734KHz V : 59.94Hz	H : 15.625KHz V : 50Hz	H : 15.734KHz V : 59.94Hz	H : 15.625KHz V : 50Hz
Horizontal Resolution	580TV lines (Min.)					
Min. Illumination	Color : 0.15Lux (50 IRE@F1.2), 0.0006Lux (Sens-up, 256X)					
S / N (Y signal)	52dB					
Video Output	CVBS : 1.0Vp-p / 75Ω					
<b>LENS</b>						
Zoom Ratio	Fixed					
Focal Length	3.7mm		8mm		3.7, 8mm	
Max. Aperture Ratio	F2.0					
Min. Object Distance	0.4m (1.31ft)					
Angular Field of View	H : 71°, V : 52°		H : 33°, V : 25°		H : 71°, V : 52° / H : 33°, V : 25°	
<b>PAN / TILT / ROTATE</b>						
Pan Range	0° ~ 352°					
Tilt Range	0° ~ 75°					
Rotate Range	0° ~ 348°					
<b>OPERATIONAL</b>						
On Screen Display	Built-in (Multi-language support)					
Camera Title	On / Off					
Day & Night	Auto (Electrical) / Color / B/W					
Backlight Compensation	BLC / HLC / Off					
Motion Detection	On / Off					
Privacy Masking	On / Off (8 Programmable zones)					
3D Noise Filter (SSNR <sup>II</sup> )	On / Off					
Sens-up (Frame Integration)	On / Off (Selectable limit ~ 256X)					
Gain Control	Low / High / Off					
White Balance	ATW / AWC / Manual / Indoor / Outdoor					
Electronic Shutter Speed	Auto (NTSC : 1/60 ~ 1/120,000sec, PAL : 1/50 ~ 1/120,000) / Manual / A.FLK					
Flip	On / Off					
Mirror	On / Off					
<b>ENVIRONMENTAL</b>						
Operating Temperature / Humidity	-10°C ~ +50°C / 20% ~ 80% RH					
Storage Temperature / Humidity	-20°C ~ +60°C / 20% ~ 90% RH					
<b>MECHANICAL</b>						
Dimension (WxH)	Ø107.5 x 84.7mm (Ø4.23" x 3.33")					
Weight	260g (0.57 lb)					

### Dimensions

Unit : mm (inch)



The Eco mark represents Samsung Techwin'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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