



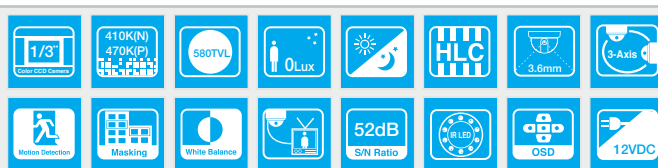
SIR-60

1/3" Day & Night IR LED Dome Camera

**NEW**

Overview

The SIR-60 is an indoor dome camera with an IR illuminator. During daytime operation, the camera produces crisp 580TV lines resolution color images. At night, the camera switches to black and white mode, removes the IR cut filter, and illuminates the scene without any added lighting. This makes it the ideal solution for applications such as night clubs or sleep centers.

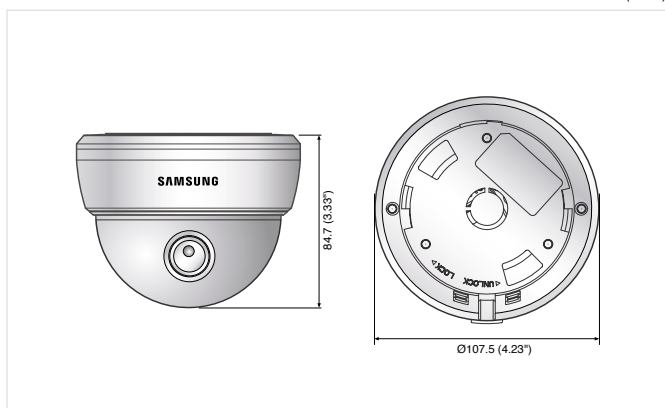


Features

- 1/3" Super HAD color CCD
- Built-in W-IV, the latest generation of Winner DSP engine
- Built-in high-performance IR LEDs
- Built-in SSNR^{II}, digital 3D Noise Reduction technology
- Day & Night with ICR (Infrared Cutoff Removal)
- High resolution of 580TV lines (Color), 700TV lines (B/W)
- Min. illumination of 0Lux@F1.2 (LED on)
0.15Lux@F1.2 (Color)
0.0003Lux@F1.2 (Color sens-up)
- Privacy masking with 8 programmable zones
- Easy adjustment with 3-axis camera mount
- HLC (Highlight Compensation)
- Motion detection (4 zones)
- Multi-language OSD
- S/N ratio of 52dB
- Voltage : 12V DC

Dimensions

Unit : mm (inch)



Technical Specifications

	SIR-60N		SIR-60P	
ELECTRICAL				
Input Voltage	12V DC			
Power Consumption	Max. 3.5W (LED On)			
VIDEO				
Imaging Device	1/3" Super HAD 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	2 : 1 Interlace			
Synchronization	Internal / Line lock			
Frequency	H : 15.734KHz / V : 59.94Hz		H : 15.625KHz / V : 50Hz	
Horizontal Resolution	Color : 580TV lines (Min.) / B/W : 700TV lines (Min.)			
Min. Illumination	Color : 0.15Lux (50 IRE@F1.2), 0.0003Lux (Sens-up, 512X) B/W : 0Lux (LED on)			
S / N (Y signal)	52dB			
Video Output	CVBS : 1.0Vp-p / 75			
LENS				
Zoom Ratio	Fixed			
Focal Length	3.6mm			
Max. Aperture Ratio	F2.0			
Min. Object Distance	0.4m (1.31ft)			
Angular Field of View	H : 71°, V : 52°			
PAN / TILT / ROTATE				
Pan Range	0° ~ 352°			
Tilt Range	0° ~ 75°			
Rotate Range	0° ~ 348°			
OPERATIONAL				
On Screen Display	Built-In (Currently supported language : English, Spanish, French, German, Italian, Japanese, Chinese)			
Camera Title	On / Off			
Day & Night	Auto (ICR) / Color / B/W			
Backlight Compensation	BLC / HLC / Off			
Motion Detection	On / Off			
Privacy Masking	On / Off (8 Programmable zones)			
3D Noise Filter (SSNR ^{II})	Low / Medium / High / Off			
Sens-up (Frame Integration)	On / Off (Selectable limit ~ 512X)			
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			
ENVIRONMENTAL				
Operating Temperature / Humidity	-10°C ~ +50°C / 20% ~ 80% RH			
Storage Temperature / Humidity	-20°C ~ +60°C / 20% ~ 90% RH			
MECHANICAL				
Dimension (WxHxD)	Ø107.6 x 83.7mm (Ø4.23" x 3.30")			
Weight	280g (0.61 lb)			
IR LED	8ea			
IR Distance	7m (23ft)			
Certifications	FCC (Class A), cUL/UL listed		CE (Class A)	