



SIR-60

1/3" Day & Night, IR LED Camera with Built-in Varifocal Lens

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.

NEW

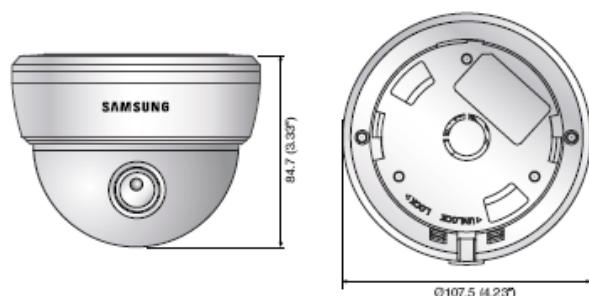
WTV
SSNR


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 : 12VDC

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)	796(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 / 75Ω	
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 (Multi-language support)	
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)	Ø107.5 x 84.7mm (Ø4.23" x 3.33")	
Weight	260g (0.57 lb)	
IR LED	8ea	
IR Distance	7m (23ft)	