

37X High Resolution Interior Dome Camera

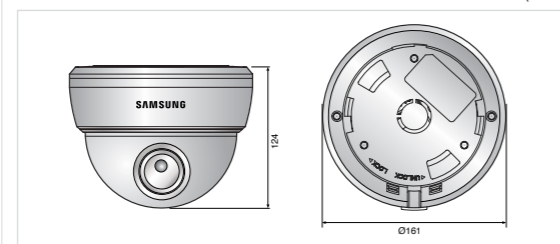
SID-370



Specifications

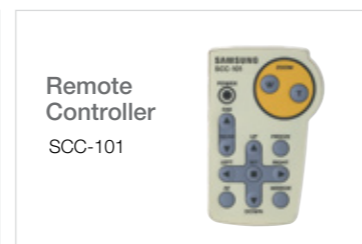
	SID-370N	SID-370P
ELECTRICAL		
Input Voltage	12V DC	
Power Consumption	Max. 4.5W	
VIDEO		
Imaging Device	1/4" Super HAD CCD	
Total Pixels	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Scanning System	2 : 1 Interlace	
Synchronization	Internal	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 550TV lines (Min.) / B/W : 680TV lines (Min.)	
Min. Illumination	Color : 0.4Lux (50 IRE@F1.6), 0.001Lux (Sens-up, 256X) B/W : 0.02Lux (50 IRE@F1.6)	
S / N (Y signal)	50dB	
Video Output	CVBS : 1.0Vp-p / 75	
LENS		
Zoom Ratio	37X (Optical), 12X (Digital)	
Focal Length	3.5 ~ 129.5mm (F1.6 ~ 3.9)	
Max. Aperture Ratio	1 : 1.6(Wide) ~ 3.9(Tele)	
Min. Object Distance	1.5m (4.92ft)	
Angular Field of View	H : 55.5°(Wide) ~ 1.59°(Tele) / V : 42.5°(Wide) ~ 1.19°(Tele)	
Focus	Auto / Manual / One-push	
Zoom Movement Speed	2.5sec	
Iris Control	Auto / Manual	
PAN / TILT / ROTATE		
Pan Range	0° ~ 340°	
Tilt Range	0° ~ 146°	
Rotate Range	0° ~ 340°	
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	
Digital Image Stabilization	On / Off	
Privacy Masking	On / Off (8 Programmable zones)	
3D Noise Filter (SSNRII)	On / Off	
Sens-up (Frame Integration)	Auto / Off (Selectable limit ~ 256X)	
Gain Control	Low / Medium / High / Manual / 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	
Communication	RS-485	
Protocol	Samsung Techwin, Pelco-D, Pelco-P, Panasonic, Honeywell, AD, Vicon, Samsung Electronics	
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% ~ 95% RH	
MECHANICAL		
Dimension (WxH)	Ø161 x 124mm (Ø6.34" x 4.88")	
Weight	900g (1.98 lb)	
Certifications	FCC (Class A), UL/cUL listed	CE (Class A)

Dimensions



Unit : mm (inch)

Controller (Option)



Design and specifications are subject to change without notice.



SAMSUNG TECHWIN



Powerful Zoom!

Clear Imaging with 37X Zoom

SID-370

37X High Resolution Interior Dome Camera

- 37X Optical Zoom, Maximum 444X Combined Zoom Power
- Clear Graphics at 550TV lines Resolution
- Discrete Design Specifically for Indoor Use
- Back Light Compensation & Digital Image Stabilization



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.



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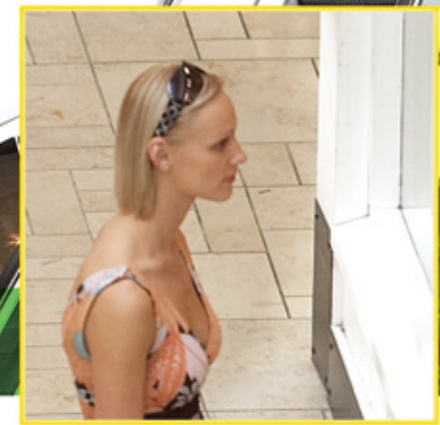
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Powerful Zooming!

Maximum 444X Combined Zoom Power with Optical 37X Zoom!

Equipped with a 37X optical zoom, the SID-370 achieves a maximum 444X combined zoom. This high resolution indoor dome camera captures crystal clear images at 550TV lines resolution even from the longest distances.



37X

Maximum 37X Optical Zoom & Maximum 444X Combined Zoom

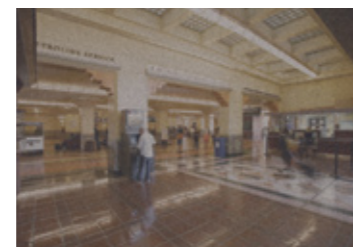


The SID-370's built-in 37X zoom lens (3.5 ~ 129.5mm) with auto-focus achieves a maximum 444X combined zoom for clear, accurate images of far away objects.

550TV lines High Resolution



Embedded with our proprietary W-IV DSP chipset, the SID-370 captures 550TV lines in color and 680TV lines in black and white with superb clarity.



Conventional Camera



SID-370

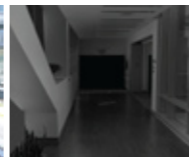
Lowest Light Level of 0.15Lux, ICR Day & Night



The SID-370 achieves an ultra low light level of 0.15Lux for nighttime monitoring. Enhanced with ICR Day & Night technology, it captures images with brilliant clarity even in the darkest places.



Day



Night

Triple Axis Rotational Dome Design



Equipped with a 3-axis rotating dome base, the SID-370 rotates freely, allowing it to be installed on any wall or incline without compromising graphic quality.



Wall

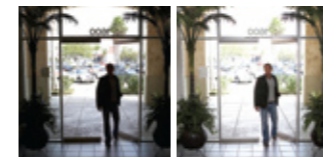


Incline

BLC & DIS



The SID-370 supports both BLC (Back Light Compensation) and DIS (Digital Image Stabilization) for clear, sharp images under any lighting conditions without severe backlight bleeding or soft edges.



BLC Off

BLC On



DIS Off

DIS On

Discrete Design Specifically for Indoor Use

The SID-370 neatly blends into any interior for discrete monitoring, making it a natural enhancement inside department stores, hotels, shopping malls, and financial firms.



Department Stores

Hotels

Shopping Malls

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