



Flexible & Discreet

Built-in 3.6x Varifocal Lens  
600TV lines High Resolution



# SID-70

High Resolution Day & Night Varifocal Dome Camera

- High resolution 600TV lines & 0.15Lux sensitivity
- 3.6x varifocal lens (2.8 ~ 10mm)
- Discreet and compact design



# Flexible & Discreet

## Stylish Interior Dome SID-70



### 600TV lines High Resolution & Ultra Low Light Level of 0.15Lux



Equipped with our latest W-V DSP chipset, the SID-70 achieves vivid graphics at 600TV lines resolution. With ultra low light levels of 0.15Lux, it delivers crystal clear images even in the dark environment.



Conventional Camera



SID-70



# Why the SID-70 is THE ONLY indoor fixed dome you will ever need



## 3.6x Varifocal Lens (2.8 ~ 10mm)



The SID-70's 3.6x varifocal lens (2.8 ~ 10mm) provides maximum flexibility for camera installation and angles, promoting the optimum environment for visual monitoring. In addition, a maximum of 16x digital zoom is supported.



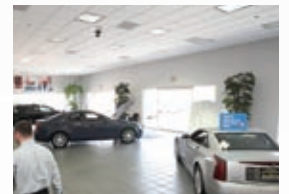
Normal

3.6x

## Round, Discreet Shell Design



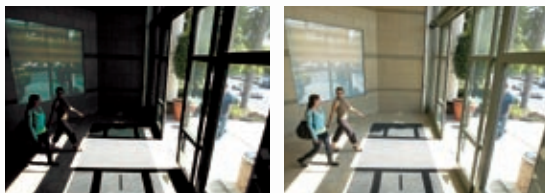
Encased in a lightweight round shell, the SID-70 is compact enough to be held in one hand. Its design neatly blends into any interior for discreet monitoring, making it the ideal choice for a wide range of application including financial firms, upmarket shops, and department stores.



## SSDR (Samsung Super Dynamic Range)



Featuring SSDR (Samsung Super Dynamic Range), the SID-70 automatically increases dark photoelectric signals while retaining bright signals; dark spots in images become more visible for accurate monitoring.



SSDR Off

SSDR On

## DIS (Digital Image Stabilization) Technology & Coaxial Control Compatibility



With DIS (Digital Image Stabilization), the SID-70 effectively minimizes and prevents image blurring caused by camera shaking. And coaxial control enables remote OSD controls.



DIS Off



DIS On

## Highlight Compensation



Supporting HLC (Highlight Compensation), the SID-70 effectively blocks areas of strong light to capture a clear image of objects.

## 2D/3D Noise Reduction Technology SSNRIII



The SID-70 achieves a noise-free 52dB S/N ratio using SSNRIII 2D/3D noise reduction technology.



# High Resolution Day & Night Varifocal Dome Camera

## SID-70

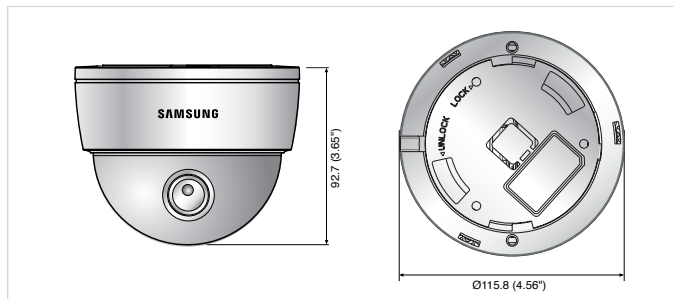


### Specifications

	SID-70N (NTSC)	SID-70P (PAL)
<b>ELECTRICAL</b>		
Input Voltage	Dual (12V DC/ 24V AC)	
Power Consumption	Max. 3.5W	
<b>VIDEO</b>		
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 : 600TV lines (Min.) / B/W : 700TV lines (Min.)	
Min. Illumination	Color : 0.15Lux (50IRE@F1.2), 0.0003Lux (Sens-up, 512x) B/W : 0.001Lux (50IRE@F1.2)	
S / N (Y signal)	52dB (AGC off, Weight on)	
Video Output	CVBS : 1.0Vp-p / 75	
<b>LENS</b>		
Zoom Ratio	3.6x (Manual)	
Focal Length	2.8 ~ 10mm (F1.2)	
Max. Aperture Ratio	1 : 1.2(Wide) ~ 2.8(Tele)	
Angular Field of View	H : 94.4°(Wide) ~ 28°(Tele) / V : 69.2°(Wide) ~ 21°(Tele)	
<b>PAN / TILT / ROTATE</b>		
Pan Range	0° ~ 352°	
Tilt Range	0° ~ 73°	
Rotate Range	0° ~ 348°	
<b>OPERATIONAL</b>		
On Screen Display	Korean, English, Japanese, Spanish, French, Portuguese, Taiwanese	English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese
Camera Title	On / Off (Displayed 15 characters)	
Day & Night	Auto (ICR) / Color / B/W	
SSDR	On / Off (Level adjustable)	
Backlight Compensation	BLC / HLC / Off	
Motion Detection	On / Off (8 Programmable zones)	
Digital Image Stabilization	On / Off	
Privacy Masking	On / Off (12 Programmable zones)	
2D+3D Noise Filter (SSNR III)	On / Off (Level adjustable)	
Sens-up (Frame Integration)	Auto / Off (Selectable 2x ~ 512x)	
Gain Control	Low / High / Off	
White Balance	AWC / Manual / Indoor / Outdoor / ATW (1,700°K ~ 11,000°K)	
Electronic Shutter Speed	1/60 ~ 1/120K sec	1/50 ~ 1/120K sec
Flip / Mirror	On / Off	
Communication	Coaxial (Protocol : Pelco Coaxitron)	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 30% ~ 80% RH	
Storage Temperature / Humidity	-20°C ~ +60°C (-4°F ~ +140°F) / 20% ~ 90% RH	
<b>MECHANICAL</b>		
Dimension (WxH)	Ø115.8 x 92.7mm (Ø4.56" x 3.65")	
Weight	345g (0.76 lb)	
Certifications	FCC (Class A), UL/cUL listed	CE (Class A), UL/cUL listed

### 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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