

**SCD-2022R/2042R**

# Upgraded image quality



## SCD-2022R/2042R

### Premium Resolution IR Dome Camera

- High resolution of 700TV lines
- Min. Illumination 0Lux (IR LED on), IR distance 7m
- Built-in fixed lens 3.8mm (SCD-2022R), 8mm (SCD-2042R)
- Day & Night (ICR), SSNRIII, Defog
- Coax : Pelco-C (Coaxitron), 12V DC

The SCD-2022R/2042R are discreet general purpose analog fixed dome cameras suitable for a wide range of applications. It incorporates the 6<sup>th</sup> generation Winner engine from Samsung Techwin that features premium level resolution at 700TV lines in sharp mode and other core functionalities such as SSNRIII, day & night (ICR), and defog. It provides clear images under challenging environments, the SCD-2022R/2042R would be a perfect solution for who is looking for a cost effective high quality video surveillance camera.

Premium Resolution IR Dome Camera  
**SCD-2022R/2042R**

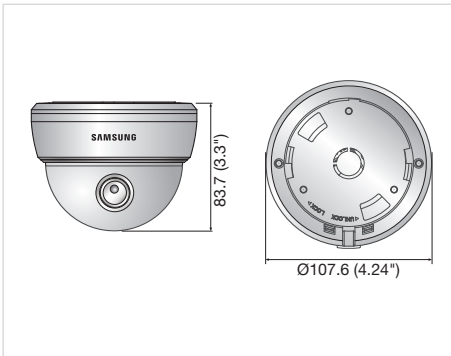


## Specifications

	SCD-2022RN/2042RN	SCD-2022RP/2042RP
<b>VIDEO</b>		
Imaging Device	1/3" Super HAD CCD II	
Total Pixels	1,020(H) x 508(V)	1,020(H) x 596(V)
Effective Pixels	976(H) x 494(V)	976(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	700TV lines (ER mode)	
Min. Illumination	Color : 0.15Lux@F1.2 (50IRE), 0.0002Lux (Sens-up, 512x) B/W : 0 LUX (IR LED on)	
S / N Ratio	52dB (AGC off, Weight on)	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
<b>LENS</b>		
Focal Length (Zoom Ratio)	3.8mm (Fixed) : SCD-2022R, 8mm (Fixed) : SCD-2042R	
Max. Aperture Ratio	F2.0	
Angular Field of View	H : 78° / V : 59° : SCD-2022R, H : 34° / V : 26° : SCD-2042R	
Min. Object Distance	0.4m (1.31ft)	
Lens Type	Fixed	
Mount Type	Board type	
<b>PAN / TILT</b>		
Pan Range	0° ~ 352°	
Tilt Range	0° ~ 75°	
<b>OPERATIONAL</b>		
On Screen Display	English, Japanese, Spanish, French, Portuguese, Korean	English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese
Camera Title	Off / On (Displayed 15 characters)	
Day & Night	Auto (ICR) / Color / B/W / External D/N	
Backlight Compensation	Off / BLC / HLC	
Contrast Enhancement	SSDR (Off / On)	
Digital Noise Reduction	SSNRIII (Off / On)	
Defog	Off / Auto / Manual	
Motion Detection	Off / On	
Privacy Masking	Off / On (8 programmable zones)	
Sens-up (Frame Integration)	2x ~ 512x	
Gain Control	Off / Low / Middle / High	
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,800°K ~ 10,500°K)	
Electronic Shutter Speed	1/60 ~ 1/120,000sec	1/50 ~ 1/120,000sec
Reverse	H-Rev (Off / On)	
Communication	Coaxial control (SPC-300 compatible)	
Protocol	Coax : Pelco-C (Coaxitron)	
IR Distance	7m (IR LED 8ea)	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH	
<b>ELECTRICAL</b>		
Input Voltage / Current	12V DC ±10%	
Power Consumption	Max. 3W	
<b>MECHANICAL</b>		
Color / Material	Ivory / Plastic (Dome cover : Clear)	
Dimensions (WxHxD)	Ø107.6 x 83.7mm (Ø4.24" x 3.3")	
Weight	235g (0.52 lb)	

## Dimensions

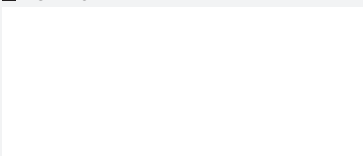
Unit : mm (inch)



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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