

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 6th 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

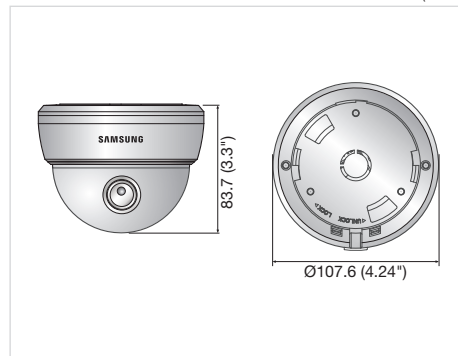


Specifications

	SCD-2022RN/2042RN	SCD-2022RP/2042RP
VIDEO		
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	
LENS		
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	
PAN / TILT		
Pan Range	0° ~ 352°	
Tilt Range	0° ~ 75°	
OPERATIONAL		
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	SSNR/III (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)	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH	
ELECTRICAL		
Input Voltage / Current	12V DC ±10%	
Power Consumption	Max. 3W	
MECHANICAL		
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.

■ DISTRIBUTED BY

SAMSUNG TECHWIN CO., LTD. 701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400
Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745 www.samsungsecurity.com www.samsungcctv.com

SAMSUNG TECHWIN AMERICA INC.
100 Challenger Rd. Suite 700 Ridgefield Park, NJ 07660
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920
Fax : +1-201-373-0124

SAMSUNG TECHWIN EUROPE LTD.
2st floor No5, The Height, Brookland, Weybridge, Surrey, U.K.
KT13 0NY
Tel : +44-1932-82-6700 Fax : +44 1932 82 6701

SHANGHAI SAMSUNG TECHWIN CO., LTD.
32F, Bldg B, International Business Center,
No. 391 Guiping Rd., Shanghai, China, 200233
Tel : +86-21-5427-1155 Fax : +86-21-5423-5122



SAMSUNG TECHWIN