SAMSUNG

WV

Complete Darkness
Ultra low light 0Lux

High Resolution Small IR Dome Camera

SCD-2020R

With its built-in high-performance LED illuminators, the SCD-2020R Infra Red LED dome camera captures images in total darkness of 0 Lux. Compared to same-class cameras, the SCD-2020R delivers superior nighttime pictures with its automatic IR intensity adjustment of objects at short distances, ICR Day & Night technology and an IR corrected lens. Its 3.6mm lens is perfect to monitor compact areas such as small stores, storage areas and hallways.

- High resolution of 600TV lines
- Min. illumination 0Lux (IR LED on), IR distance 7m
- Built-in fixed lens (3.6mm), SSNRIII (3D+2D)
- Coaxial control, 12VDC
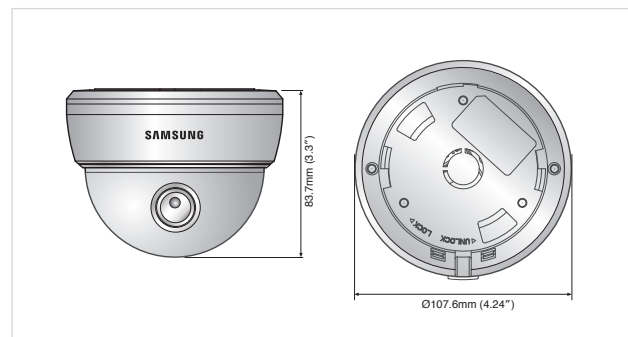
High Resolution Small IR Dome Camera

SCD-2020R

600TVL | 0 Lux | 3.6mm | D&N ICR | 12VDC

Specifications

	SCD-2020RN	SCD-2020RP
VIDEO		
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	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 600 TV lines, B/W : 700 TV lines	
Min. Illumination	Color : 0.15Lux @F1.2 (50IRE) B/W : 0Lux (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)	3.6mm	
Max. Aperture Ratio	F2.0	
Angular Field of View	66°(H) x 49°(V)	
Min. Object Distance	0.4m	
PAN / TILT		
Pan Range	0° ~ 352°	
Tilt Range	0° ~ 75°	
OPERATIONAL		
On Screen Display	Multi-language support by coaxial cable English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean	Multi-language support by coaxial cable 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	
Backlight Compensation	BLC / HLC / Off	
Dynamic Range	SSDR (Off / On)	
Digital Noise Reduction	SSNRIII (Off /On)	
Digital Image Stabilization	Off / On	
Motion Detection	Off / On (8 programmable zones)	
Privacy Masking	Off / On (12 programmable zones)	
Sens-up (Frame Integration)	2x ~ 512x	
Gain Control	Off / Low / High	
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,700K° ~ 11,000K°)	
Electronic Shutter Speed	1/60 ~ 1/120,000 sec	1/50 ~ 1/120,000 sec
Digital Zoom	Off / On (1x ~ 16x)	
Flip / Mirror	H-Rev (Off / On), V-Rev (Off / On)	
Communication	Coaxial control (SPC-300 Compatible)	
Protocol	Pelco-C (Coaxitron)	
IR Distance	7m (IR LED 8 EA)	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH	
ELECTRICAL		
Input Voltage/Current	12V DC ±10%	
Power Consumption	2.5W	
MECHANICAL		
Color / Material	Body : Ivory, PC/ABS, Dome cover : PC	
Dimension (WxHxD)	Ø107.6 x 83.7mm (4.24" x 3.3")	
Weight	280g (0.62 lb)	

Dimensions

Unit : mm (inch)

83.7mm (3.3")

Ø107.6mm (4.24")

Design and specifications are subject to change without notice.