

Smaller but Stronger

Compact Nighttime Monitoring Camera



High Resolution IR Vandal Resistant Dome Camera

SCV-2081R

The SCV-2081R is a high performance vandal-resistant dome camera capable of illuminating subjects up to 20m from the camera thanks to its built-in IR LEDs. This delivers exceptionally clear images in complete darkness. What's more, the SCV-2081R automatically adjusts the intensity of its IR LEDs according to the distance to the subject it is viewing in order to eliminate bright highlights and ensure a perfectly balanced foreground and background image.

The built-in 3.6X vari-focal lens (2.8 ~ 10mm) provides an optimal monitoring range in any installation environment. Also, with full weatherproof protection to IP66, the SCV-2081R can be installed both indoors and outdoors.

- High Resolution of 600TV Lines
- Min. Illumination 0Lux (IR LED on), IR distance 20m
- 3.6x V/F Lens(2.8~10mm), True Day & Night (ICR)
- Coaxial Control (Pelco-C), 24VAC/12VDC, IP66

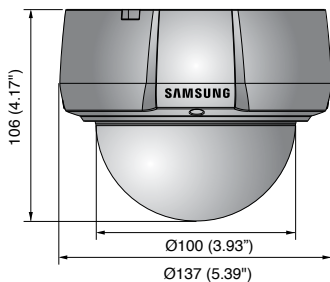
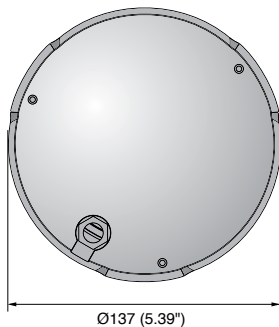
High Resolution IR Vandal Resistant Dome Camera

SCV-2081R



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.

Specifications

SCV-2081RN		SCV-2081RP
VIDEO		
Imaging Device	1/3" Super HAD CCDII	
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 : 600 TV lines, B/W : 700TV lines	
Min. Illumination	Color : 0.15Lux (50IRE@F1.2), 0.0003Lux(Sens-up, x512) B/W : 0Lux (LED on)	
S / N Ratio	52dB (AGC off, Weight on)	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
LENS TYPE		
Focal Length (Zoom Ratio)	2.8 ~ 10mm (3.6x)	
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)	
Lens Type	DC Auto Iris	
Mount Type	Board Type	
PAN / TILT		
Pan Range	0° ~ 352°	
Tilt Range	0° ~ 73°	
Rotate Range	0° ~ 348°	
OPERATIONAL		
On Screen Display	English, Japanese, Spanish, French, Portuguese, Taiwanese, 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	
Backlight Compensation	BLC / HLC / Off	
Contrast Enhancement	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)	
Reverse	H-Rev (Off / On) V-Rev (Off / On)	
Communication	Coaxial Control (SPC-300 Compatible)	
Protocol	Coax : Pelco-C (Coaxitron)	
IR Distance	20m (IR LED 20 EA)	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH	
Ingress Protection	IP66	
ELECTRICAL		
Input Voltage	Dual (24VAC±10% & 12VDC±10%)	
Power Consumption	Max. 3W / Max. 4W (IR LED On)	
MECHANICAL		
Color / Material	Body : Ivory, ALDC12, Dome Cover : Smoked / PC	
Dimension (WxH)	Ø137 x 106mm (5.39" x 4.17")	
Weight	710g	

Design and specifications are subject to change without notice.

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