



SAMSUNG TECHWIN

WVI

SCO-2081R

# Upgraded image quality



## SCO-2081R

Premium Resolution Weatherproof IR Camera

- High resolution of 700TV lines
- Min. Illumination 0Lux (IR LED on), IR distance 50m
- 3.6x varifocal lens (2.8 ~ 10mm)
- Day & Night (ICR), SSNRIII, Defog
- Coax : Pelco-C (Coaxitron), Dual power
- IP66

The SCO-2081R is a discreet general purpose analog camera 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 can capture images within 50 meters in extremely low or no lighting using its built-in IR LED lamps, the SCO-2081R would be a perfect solution for who is looking for a cost effective high quality video surveillance camera.

Premium Resolution Weatherproof IR Camera  
**SCO-2081R**

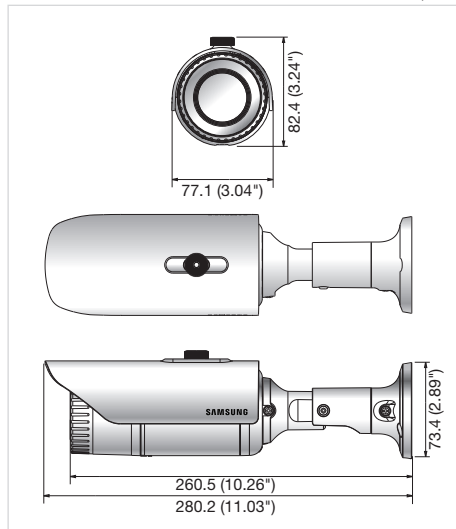


## Specifications

	SCO-2081RN	SCO-2081RP
<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 / Line lock	
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)	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)	
Min. Object Distance	0.2m (0.66ft)	
Focus Control	Manual	
Lens Type	DC auto iris	
<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	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	50m (IR LED 36ea)	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH	
Ingress Protection	IP66 grade	
<b>ELECTRICAL</b>		
Input Voltage / Current	Dual (24V AC & 12V DC ±10%)	
Power Consumption	Max. 7.2W	
<b>MECHANICAL</b>		
Color / Material	Grey / Plastic	
Dimensions (WxHxD)	77.1 x 82.4 x 280.2mm (3.04" x 3.24" x 11.03")	
Weight	500g (1.1 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

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