

# IR Camera for Demanding Environment



High Resolution Weatherproof IR Camera

## SCO-2080RH

The SCO-2080RH is a high resolution IR LED camera that can capture images within 165 feet in no lighting conditions using built-in IR LED lamps. The SCO-2080RH features true Day/Night operation with ICR and SSNRIII to eliminate image noise in low light. It also offers remote control via RS-485 or coaxial cable enabling you to reach the camera's OSD. It comes with a built-in fan & heater for excellent performance in extreme weather environments (-58°F ~ 122°F).

- High resolution of 600TV lines (Color), 700TV lines (B/W)
- Min. illumination 0Lux (IR LED On), IR distance 165 ft
- Built-in V/F lens (2.8 ~ 10mm)
- True Day & Night (ICR), MD, SSNRIII
- Built-in fan & heater
- IP66, Coax control support

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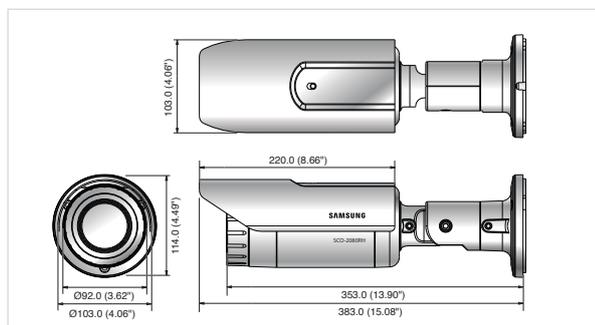
### Specifications

	SCO-2080RHN	SCO-2080RHP
<b>VIDEO</b>		
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	Internal / Line Lock
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), 0.0003 Lux (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 TYPE</b>		
Focal Length (Zoom Ratio)	2.8 ~ 10mm ( V/F 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	
Focus Control	Manual	
Lens Type	DC Auto Iris	
<b>OPERATIONAL</b>		
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)	Off / On (1x ~ 16x)
Reverse	H-Rev ( Off/On ), V-Rev ( Off/On )	
Communication	Coaxial Control ( SPC-300 Compatible ), RS-485, SRD-XXXDC coaxial DVRs	
Protocol	Coax : Pelco-C (Coaxitron), RS-485 : Samsung-T, Samsung-E, Pelco-D, Pelco-P, Panasonic, Bosch, Honeywell, Vicon	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-50°C ~ +50°C (-58°F ~ +122°F) / Less than 90% RH	
Ingress Protection	IP66	
<b>ELECTRICAL</b>		
Input Voltage/Current	Dual (24VAC ±10% & 12VDC±10%)	
Power Consumption	Max. 15W (heater on), Max. 7.2W (heater off)	
<b>MECHANICAL</b>		
Color / Material	Dark Gray / ALDC	
Dimension (WxHxD)	Ø114.0 x 383.0 (Ø4.49" x 15.08") (Bracket angle 180°)	
Weight	1.7kg (2.36lb)	



### Dimensions

Unit : mm (inch)



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