

See in the Darkness

650 TV Lines IR Camera



Premium Resolution Weatherproof IR Camera

SCO-3080R

The SCO-3080R is a 650 TV lines IR LED camera that can capture images up to 164ft in complete darkness using its built-in IR LEDs. This camera features True Day/Night with ICR (IR-Cut Filter Removable, WDR (Wide Dynamic Range) for backlight problems caused by different lighting conditions, and SSNR III (2D+3D Samsung Super Noise Reduction) to eliminate image noise in low light. The SCO-3080R is also equipped with remote control access via RS-485 or coaxial cable.

- High resolution of 650TV lines, 700TV lines (B/W)
- Min. illumination 0 Lux (IR LED on)
- 2.8 ~ 10mm (3.6x) varifocal lens
- WDR, VPS, Intelligent video analytics
- True Day & Night (ICR), MD, SSNR III
- Weatherproof IP66

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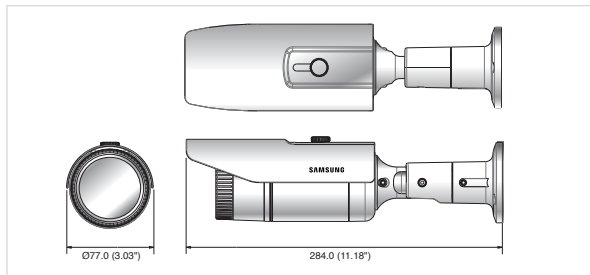


Specifications

	SCO-3080RN	SCO-3080RP
VIDEO		
Imaging Device	1/3" Super HAD CCDII	
Total Pixels	1,028(H) x 508(V)	1,028(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	Internal / Line Lock
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 650 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	
LENS TYPE		
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 (0.66ft)	
Focus Control	Manual	
Lens Type	DC Auto Iris	
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	Off / User BLC / HLC / SSSDR / WDR	
Contrast Enhancement	SSDR (Off / On)	
Digital Noise Reduction	SSNR III (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)	
Profile	Basic, Day & Night, Backlight, ITS, Indoor, User	
VPS	Off / On	
Intelligent Video	Fixed_Moved, Fence, Tracking, Detection, Counting	
PIP	Off / On	
Alarm	1 Output	
Communication	Coaxial Control (SPC-300 Compatible), RS-485	
Protocol	Coax : Pelco-C (Coaxitron), RS-485 : Samsung-T, Samsung-E, Pelco-D, Pelco-P, Panasonic, Bosch, Honeywell, Vicon	
IR Distance	50m (850nm IR LES : 32ea)	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH	
Ingress Protection	IP66	
ELECTRICAL		
Input Voltage / Current	Dual (24V AC ±10% & 12V DC ±10%)	
Power Consumption	Max 6.8W / 6.5W (IR LED On)	
MECHANICAL		
Color / Material	Dark Gray / ALDC	
Dimension (WxHxD)	Ø77.0mm (3.03") x 216mm (8.5") (Bracket Angle 90°), 284.0mm(11.18") (Bracket Angle 180°)	
Weight	1Kg (2.2lb)	

Dimensions

Unit : mm (inch)



Design and specifications are subject to change without notice.



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