

SCO-5083R

1000TVL (1280H) Weatherproof IR Camera

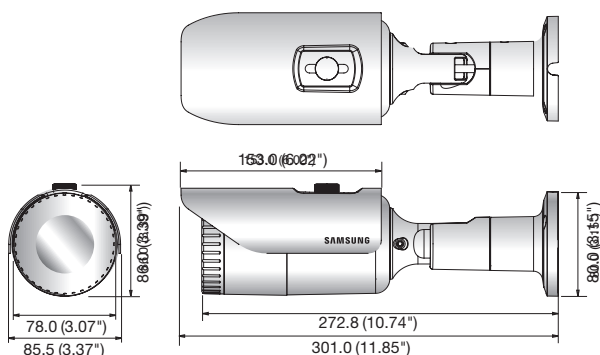


Key Features

- High resolution of 1000TV lines (Color), 1000TV lines (B/W)
- Min. Illumination 0Lux (IR LED on), IR distance 50m
- 3.3x varifocal lens (3 ~ 10mm)
- 120dB WDR, Day & Night (ICR)
- SDDR, SSNRIV, Defog, Intelligent video analytics
- IP66, IK10, Coax : Pelco-C (Coaxitron), RS-485, Dual power

Dimensions

Unit : mm (inch)



	SCO-5083RN		SCO-5083RP
VIDEO			
Imaging Device	1/3" 1.3M CMOS		
Total Pixels	1,312(H) x 1,069(V)		
Effective Pixels	1,305(H) x 1,049(V)		
Scanning System	Progressive scan		
Synchronization	Internal		
Frequency	H : 15.734KHz / V : 59.94Hz		H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 1000TV lines, B/W : 1000TV lines		
Min. Illumination	Color : 0.05Lux (F1.4, 50IRE), 0.001Lux (1sec, F1.4, 50IRE), 0.02Lux (F1.4, 30IRE), 0.0006Lux (1sec, F1.4, 30IRE) B/W : 0Lux (IR LED on)		
S / N Ratio	52dB (AGC off, Weight on)		
Video Output	CVBS : 1.0 Vpp / 75Ω composite		
LENS			
Focal Length (Zoom Ratio)	3 ~ 10mm (3.3x) varifocal		
Max. Aperture Ratio	F1.4		
Angular Field of View	H : 82.0°(Wide) ~ 26.5°(Tele) / V : 59.7°(Wide) ~ 19.9°(Tele)		
Min. Object Distance	0.5m (1.64ft)		
Focus Control	Manual		
Lens Type	DC auto iris		
Mount Type	Board type		
OPERATIONAL			
On Screen Display	English, Chinese, Korean, Japanese, German, Italian, French, Spanish, Russian, Czech, Polish, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese		
Camera Title	Off / On (Displayed 15 characters)		
Day & Night	Auto (ICR) / External / Color / B/W		
Anti IR Saturation	Top / Bottom / Left / Right		
Backlight Compensation	Off / User BLC / HLC / WDR		
Wide Dynamic Range	120dB		
Contrast Enhancement	SSDR (Off / On)		
Digital Noise Reduction	SSNR IV (Off / On)		
Defog	Off / Auto / Manual		
Purple Fringe Reduction	Off / Low / Middle / High		
Digital Image Stabilization	Off / On		
Tampering	Off / On		
Motion Detection	Off / On		
Intelligent Video Analytics	Fence, (Dis)Appear, Counting (Off / On)		
Privacy Masking	Off / On (24 programmable zones with 4 points polygonal masking)		
Gain Control	Off / Low / Middle / High		
White Balance	ATW / Outdoor / Indoor / Manual / AWC / Mercury (1,800K° ~ 10,500K°)		
Electronic Shutter Speed	1sec ~ 1/12,000sec		
Digital Zoom	Off / On (1x ~ 16x)		
Reverse	Off / H-Rev / V-Rev / HV-Rev		
Profile	Basic, Day & Night, Backlight, ITS, Indoor, User		
Alarm	1 Out		
Communication	Coaxial control (SPC-300 compatible)		
Protocol	Coax : Pelco-C (Coaxitron) RS-485 : Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE		
IR Distance	50m (164.04ft) (IR LED 36ea)		
ENVIRONMENTAL			
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH *Start up should be done at above -10°C (+14°F)		
Ingress Protection	IP66		
Vandal Resistance	IK10		
ELECTRICAL			
Input Voltage / Current	Dual (24V AC & 12V DC ±10%)		
Power Consumption	Max. 9.5W		
MECHANICAL			
Color / Material	Dark gray / ALDC		
Dimensions (WxH)	Ø78.0 x 272.8mm (3.07" x 10.74") (Without sun shield)		
Weight	1.5Kg (3.31 lb)		

* The latest product information / specification can be found at www.samsungsecurity.com