

SAMSUNG

Small IR Weatherproof Camera



High Resolution Weatherproof IR Camera

SCO-1020R

The SCO-1020R is a cost effective mini IR camera, which provides 520 TV Lines of high-resolution images. Its built-in high performance LED illuminators provide the ability to capture clear images of objects up to 50ft, even in total darkness. The SCO-1020R is ideal for small applications.

- High resolution of 520 TV lines
- Min. illumination 0Lux @F1.2 (IR LED on), IR distance 15m
- Built-in 3.6mm fixed lens
- Compact design
- DNR, 12V DC, IP66

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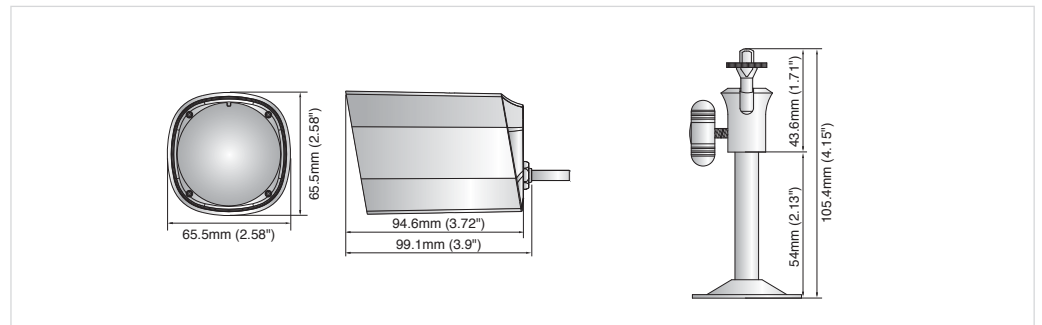


Specifications

	SCO-1020RN	SCO-1020RP
VIDEO		
Imaging Device	1/4" CMOS	
Total Pixels	680(H) x 512(V)	680(H) x 512(V)
Scanning System	2 : 1 Interlace	
Synchronization	Internal	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	520 TV Lines	
Min. Illumination	0Lux (IR LED on)	
S / N Ratio	46dB (AGC off, Weight on)	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
LENS TYPE		
Focal Length (Zoom Ratio)	3.6mm	
Max. Aperture Ratio	F2.0	
Angular Field of View	H:56° V:42°	
Min. Object Distance	0.2m	
Lens Type	Fixed	
Mount Type	Board Type	
OPERATIONAL		
Day & Night	Auto	
Digital Noise Reduction	Auto	
Gain Control	Auto	
White Balance	Auto (3,200K° ~ 6,500K°)	
Shutter Mode	Auto (Rolling Shutter)	
IR Distance	15m (IR LED 15 EA)	
ENVIRONMENTAL		
Operating Temperature / Humidity	0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH	
Ingress Protection	IP66	
ELECTRICAL		
Input Voltage/Current	12V DC	
Power Consumption	2.2W	
MECHANICAL		
Color / Material	White / Plastic	
Dimension (W x H x D)	65.5 x 65.5 x 94.6 mm (2.58" x 2.58" x 3.72")	
Weight	300g (0.66lb)	

Dimensions

Unit : mm (inch)



Design and specifications are subject to change without notice.



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