

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 high-resolution images. Its built-in high performance LED illuminators provide the ability to capture clear images of objects up to 15m from the camera, even in total darkness. Packed with the essential technology required for security monitoring, the SCO-1020R will be 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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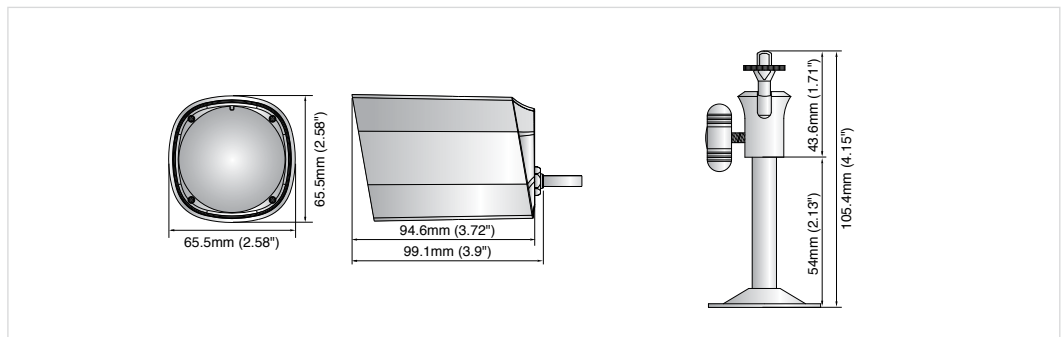


Specifications

	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)



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.



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