



SAMSUNG TECHWIN

iPOLiS,
Your smart security solution

Compact and Affordable Network Solution



VGA Weatherproof Network IR Camera

SNO-1080R

The SNO-1080R is a stylish general purpose VGA weatherproof IR camera suitable for a wide range of outdoor applications which require 24/7 monitoring. With the Samsung Techwin WiseNetS DSP chipset at its core, which delivers a host of advanced features including face detection analytics, third generation Samsung Super Noise Reduction (SSNR III) to eliminate image noise in low light conditions, and Samsung Super Dynamic Range (SSDR): it has an analogue video output port enabling conventional analogue control device to make set-up on site easy.

Rated to IP66 with integrated sunshield and supplied with a mounting bracket that allows the camera to be installed either wall, surface or ceiling mount to ensure the required field of view can be obtained every time.

- 30fps at VGA (640x480) resolution
- 2.2~7.7mm (3.5x) varifocal lens
- H.264, MJPEG Dual Encoding
- Multiple Streaming
- Day and Night Function (ICR)
- SSDR, SSNR III
- Motion Detection, Face Detection
- IP66, PoE, 15ea IR LED (viewable length of 15m)

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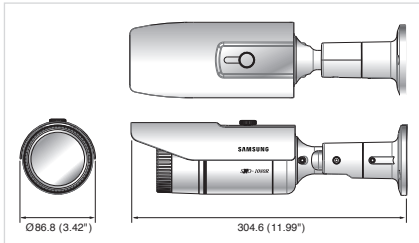
Specifications



	SNO-1080RN	SNO-1080RP
VIDEO		
Imaging Device	1/4" PS CMOS	
Total Pixels	680(H) x 512(V)	
Effective Pixels	640(H) x 480(V)	
Scanning System	Progressive	
Min. Illumination	0.7 lux (F1.2, Color mode), 0 lux (IR LED on, B/W Mode)	
S / N Ratio	50dB	
Video Out	DIP connector type, for installation	
LENS		
Focal Length (Zoom Ratio)	2.2 ~ 7.7mm (3.5x) varifocal	
Max. Aperture Ratio	F1.2	
Angular Field of View	H : 94°(Wide) ~ 26.5°(Tele), V : 70°(Wide) ~ 20°(Tele)	
Min. Object Distance	500mm (1.64ft)	
Mount Type	Board type (Ø14)	
OPERATIONAL		
IR LED	15ea	
Viewable Length	15m	
Camera Title	Off / On (Displayed up to 15 characters)	
Day & Night	Auto (ICR) / Color / B/W / External	
Backlight Compensation	Off / BLC	
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)	
Digital Noise Reduction	SSNRIII (2D+3D noise filter) (Off / On)	
Motion Detection	Off / On (4 programmable zones)	
Privacy Masking	Off / On (32ea 4 points polygonal)	
Sens-up (Frame Integration)	Off / Auto (2x ~ 60x)	
Gain Control	Off / Low / Medium / High	
White Balance	ATW / AWC / Manual / Indoor / Outdoor	
Electronic Shutter Speed	Auto / A.FLK / Manual (60x ~ 1/12000sec)	
Flip / Mirror	Off / On	
Intelligent Video Analytics	Face detection	
Alarm I/O	Input 1ea	
NETWORK		
Ethernet	RJ-45 (10/100BASE-T)	
Video Compression Format	H.264, MJPEG	
Resolution	4 : 3 Mode - 640 x 480 / 320 x 240 / 160 x 120	
Max. Framerate	Max. 30fps at all resolutions	
Video Quality Adjustment	H.264 : Compression level, Target bitrate level control MJPEG : Quality level control	
Bitrate Control Method	H.264 : CBR or VBR, MJPEG : VBR	
Streaming Capability	Multiple streaming (Up to 10 profiles)	
IP	IPv4, IPv6	
Protocol	TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, ONVIF	
Security	HTTPS (SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x Authentication	
Streaming Method	Unicast / Multicast	
Max. User Access	10 users at unicast mode	
ONVIF Conformance	Yes	
Webpage Language	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek	
Web Viewer	Supported OS : Windows XP / VISTA / 7, MAC OS Supported Browser : Internet Explorer 6.0 or Higher, Firefox, Google Chrome, Apple Safari	
Central Management Software	NET-i viewer	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 80% RH	
Ingress Protection	IP66 Grade (Waterproof)	
ELECTRICAL		
Input Voltage / Current	DC 12V / 480mA, PoE (IEEE802.3af) / 108mA	
Power Consumption	Max. 5.6W	
MECHANICAL		
Color / Material	Dark gray / ALDC	
Dimensions (WxH)	Ø 86.8 x 304.6mm (Ø 3.42" x 11.99")	
Weight	1Kg (2.2 lb)	

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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