Network Monitoring in the Darkness

1.3 Megapixel IR Network Camera

1.3Megapixel HD Weatherproof Network IR Camera

SNO-5080R

The SNO-5080R is a high performance HD 1.3 megapixel network camera capable of displaying multiple resolutions from CIF (320 x 240) through to 16:9 format 720p High Definition and up to full 1.3 megapixel (1280 x 1024). Equipped with 31 IR LEDs, the SNO-5080R provides perfect night time monitoring solution by enabling 30m of viewing length at 0 Lux darkness.

The full compatibility with ONVIF makes it easy to cooperate with other network equipments. In addition, 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.

- Max. 1.3M (1280 x 1024) resolution
- Supports 16:9 HD (720p)
- 30m of monitoring range in 0 Lux
- Built-in 2.8~10mm (3.6x) Vari-focal mega lens
- H.264 / MPEG-4 / MJPEG multiple codecs
- PoE, IP66

1.3Megapixel HD Weatherproof Network IR Camera

SNO-5080R

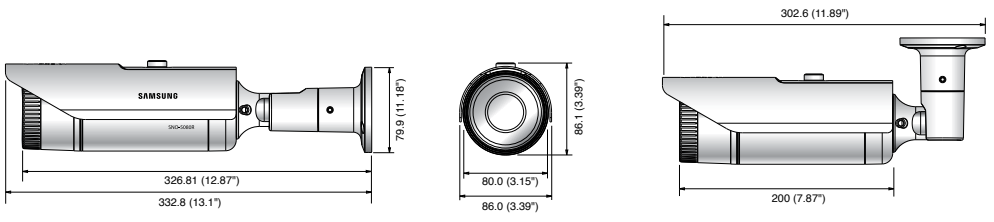
1.3M | 0 Lux | 3.6x Motorized lens | SSDR | D&N ICR

Specifications

	SNO-5080RN/P
VIDEO	
Imaging Device	1/3" 1.3M PS CMOS
Total Pixels	1,384(H) x 1,076(V)
Effective Pixels	1,329(H) x 1,049(V)
Scanning System	Progressive
Min. Illumination	Color : 0.3 Lux (F1.2, 50IRE), 0.005 Lux (Sens up 60X), B/W : 0Lux (F1.2, 50IRE, IR LED ON)
S / N Ratio	50dB
Video Out	DIP connector type, 704x480(N), 704x576(P), for installation
LENS	
Focal Length (Zoom Ratio)	2.8 ~ 10mm (3.6X) Vari-focal
Max. Aperture Ratio	F1.2
Angular Field of View	H : 94.6°(Wide) ~ 28.8°(Tele), V : 68.4°(Wide) ~ 21.6°(Tele)
Focus Control	Manual
Lens Type	DC Auto Iris
Mount Type	Board-in type
OPERATIONAL	
IR LED	31 ea
Viewable Length	30m
Camera Title	Off / On (Displayed up to 15 characters)
Day & Night	Auto (ICR) / Color / B/W
Backlight Compensation	Off / BLC / HLC
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 (12 programmable zones)
Sens-up (Frame Integration)	Off / Auto (2X ~ 60X)
Gain Control	Off / Low / Medium / High / Manual
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Auto / A.FLK / Manual (1/30 ~ 30,000sec)
Flip / Mirror	Off / On
Intelligent Video Analytics	Scene Change, Virtual Line, Enter/Exit, Appear / Disappear
Alarm I/O	Input 1ea / Output 1ea (Relay)
NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264, MPEG4, MJPEG
Resolution	1280 x 1024, 1280 x 720P(HD), 1024 x 768, 800 x 600, 640 x 480, 320 x 240
Max. Framerate	22fps (1280x1024), 30fps (720P HD)
Video Quality Adjustment	H.264/MPEG4 : Compression Level, Target Bitrate Level Control, MJPEG : Quality Level Control
Bitrate Control Method	H.264/MPEG4 : 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
Security	HTTPS(SSL) Login Authentication, Digest Login Authentication, IP Address Filtering, User access Log
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, Denish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatia, Hungary, 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) / Less than 90% RH
Ingress Protection	IP66 Grade (Waterproof)
ELECTRICAL	
Input Voltage / Current	12V DC, 24V AC, PoE (IEEE802.3af)
Power Consumption	Max. 11W
MECHANICAL	
Color / Material	Dark Gray / Metal
Dimension (WxHxD)	86.0 x 86.1 x 332.8mm (3.39" x 3.39" x 13.1")
Weight	1.3Kg

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.

SAMSUNG TECHWIN CO., LTD.
701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400
Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745
www.samsung**security**.com www.samsung**cctv**.com

SAMSUNG TECHWIN AMERICA Inc.
100 Challenger Rd. Suite 700 Ridgefield Park, NJ 07660
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920
Fax : +1-201-373-0124
www.samsung**cctvusa**.com

SAMSUNG TECHWIN EUROPE LTD.
Samsung House, 1000 Hillswood Drive, Hillswood Business Park
Chertsey, Surrey, UNITED KINGDOM KT16 OPS
Tel : +44-1932-45-5300 Fax : +44-1932-45-5325

TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONICS CO., LTD.
No.11 Wei 6 Street. Micro-Electronic Industrial Park
Jingang Road, Tianjin, P.R. CHINA 300385
Tel : +86-22-23887788 Fax : +86-22-23887788

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use-IP
www.use-ip.co.uk
01304 827609