



SAMSUNG

iPOLiS

# Compact and Affordable Network Solution



VGA Vandal-Resistant Network IR Dome Camera

## SNV-1080R

The SNV-1080R is a compact vandal-resistant VGA network dome camera featuring built-in IR LEDs which make it suitable for use in the most demanding applications. With the Samsung Techwin WiseNetS DSP chipset at its core, the SNV-1080R 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 viewing to make set-up on site easy. Its compact design makes the SNV-1080R especially suitable for small applications such as convenience stores and retail shops.

- 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
- PoE, Micro SD Slot, Bi-Directional Audio, IP66
- Motion Detection, Face Detection

# VGA Vandal-Resistant Network IR Dome Camera

## SNV-1080R



### Specifications



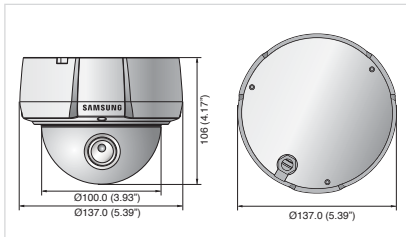
	SNV-1080R N/P	SNV-1080R
<b>VIDEO</b>		
Imaging Device	1/4" PS CMOS	
Total Pixels	680(H) x 512(V)	
Effective Pixels	640(H) x 480(V)	
Scanning System	Progressive	
Min. Illumination	0.7 lux (F1.2, Color mode), 0 lux (IR LED on, B/W Mode)	
S / N Ratio	50dB	
Video Out	DIP connector type, for installation	
<b>LENS</b>		
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)	
<b>PAN / TILT / ROTATE</b>		
Pan Range	0° ~ 352°	
Tilt Range	17° ~ 90°	
Rotate Range	0° ~ 351°	
<b>OPERATIONAL</b>		
IR LED	12 ea	
IR Range (Viewable Length)	15 m	
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	SSNR III (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	
<b>NETWORK</b>		
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)	
AUDIO I/O	Mic/Line in , Line out	
Audio Compression Format	G.711 U-LAW	
Audio Communication	Bi-directional audio	
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	
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	
Memory Slot	Micro SD/SDHC memory slot	
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 7.0 or Higher, Firefox, Google Chrome, Apple Safari	
Central Management Software	NET-i viewer	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 80% RH	
Ingress Protection	IP66 Grade (Waterproof)	
<b>ELECTRICAL</b>		
Input Voltage / Current	12V DC / PoE (IEEE802.3af)	
Power Consumption	Max. 5.9W (12V DC), Max. 6.2W (PoE)	
<b>MECHANICAL</b>		
Color / Material	Ivory / Aluminum	
Dimensions (WxH)	Ø137.0 x 106 mm (Ø5.39" x 4.17")	
Weight	786g (1.73lb)	

### Accessories



### 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.samsungsecurity.com www.samsungcctv.com

#### SAMSUNG TECHWIN AMERICA Inc.

100 Challenger Rd. Suite 700 Ridgfield Park, NJ 07660  
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920  
Fax : +1-201-373-0124  
www.samsungcctvusa.com

#### SAMSUNG TECHWIN EUROPE LTD.

Samsung House, 1000 Hillwood Drive, Hillwood Business Park  
Chertsey, Surrey, UNITED KINGDOM KT16 0PS  
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

■ DISTRIBUTED BY



www.asi.ind.in