

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

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Specifications



SNV-1080R N/P

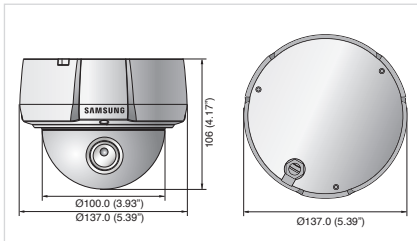
VIDEO	
Imaging Device	1/4" PS CMOS
Total Pixels	680(H) x 512(V)
Effective Pixels	640(H) x 480(V)
Scanning System	Progressive
Min. Illumination	0.7 lux (F1.2, Color mode), 0 lux (IR LED on, B/W Mode)
S / N Ratio	50dB
Video Out	DIP connector type, for installation
LENS	
Focal Length (Zoom Ratio)	2.2 ~ 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)
PAN / TILT / ROTATE	
Pan Range	0° ~ 352°
Tilt Range	17° ~ 90°
Rotate Range	0° ~ 351°
OPERATIONAL	
IR LED	12 ea
IR Range (Viewable Length)	15 m (49.21ft)
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
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)
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
ENVIRONMENTAL	
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 80% RH
Ingress Protection	IP66 Grade (Waterproof)
ELECTRICAL	
Input Voltage / Current	12V DC / PoE (IEEE802.3af)
Power Consumption	Max. 5.9W (12V DC), Max. 6.2W (PoE)
MECHANICAL	
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 Technwin'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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