

SNO-6011R

2Megapixel Full HD Weatherproof Network IR Camera

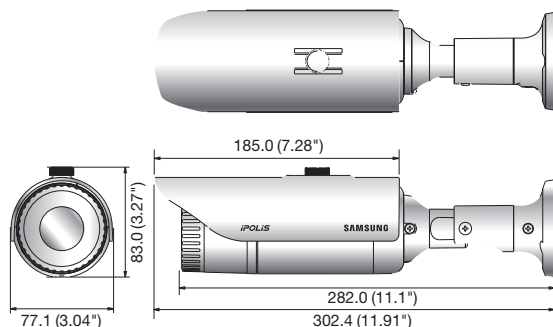


Key Features

- Max. 2M (1920 x 1080) resolution
- Built-in 3.8mm fixed lens
- H.264, MJPEG dual codec, Multiple streaming
- WDR (120dB), Defog
- Day & Night (ICR), Enhanced DIS
- micro SD/SDHC/SDXC memory slot
- Multi-crop streaming
- IR LED (16ea), PoE, IP66

Dimensions

Unit : mm (inch)



	SNO-6011RN/P
VIDEO	
Imaging Device	1/2.8" 2.38M CMOS
Total Pixels	1,952(H) x 1,236(V)
Effective Pixels	1,944(H) x 1,224(V)
Scanning System	Progressive
Min. Illumination	Color : 0.3Lux (F2.0, 50IRE), 0.03Lux (2sec, 50IRE), 0.08Lux (F2.0, 30IRE) B/W : 0Lux (IR LED on), 0Lux (F2.0, 30IRE, IR LED on)
S / N Ratio	50dB
Video Output	CVBS : 1.0Vpp / 75Ω composite, 704 x 480(N), 704 x 576(P)
LENS	
Focal Length (Zoom Ratio)	3.8mm fixed
Max. Aperture Ratio	F2.0
Angular Field of View	H : 84.5° / V : 45.8° / D : 98.8°
Min. Object Distance	0.5m (1.64ft)
Focus Control	Manual
Mount Type	Board-in type
OPERATIONAL	
IR LED	16ea
Viewable Length	15m (49.21ft)
Camera Title	Off / On (Displayed up to 45 characters)
Day & Night	Auto (ICR) / Color / B/W
Backlight Compensation	Off / BLC
Wide Dynamic Range	WDR 15fps 120dB
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)
CAR (Color Aberration Reduction)	Off / Low / Middle / High
Digital Noise Reduction	SSNR III (2D+3D noise filter) (Off / On)
Digital Image Stabilization	Off / On
Defog	Off / Auto / Manual
Motion Detection	Off / On (4ea 4 points polygonal zones)
Privacy Masking	Off / On (32ea polygonal zones)
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Auto / A.FLK / Manual (1/30 ~ 12,000sec)
Flip / Mirror	Off / On
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Face detection with metadata
Alarm I/O	Input 1ea
Alarm Triggers	Motion detection, Tampering, Face detection, Video analytics, Alarm input
Alarm Events	File upload via FTP and E-mail, Notification via E-mail, Local storage (SD/SDHC/SDXC) or NAS recording at Event (Alarm triggers)
NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264 (MPEG-4 part 10/AVC), MJPEG
Resolution	1920 x 1080, 1600 x 1200, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 450, 640 x 480, 320 x 240, 320 x 180
Max. Framerate	H.264 : Max. 30fps at all resolutions MJPEG : 1920 x 1080, 1600 x 1200, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768 : Max. 15fps 800 x 600, 800 x 450, 640 x 480, 320 x 240, 320 x 180 : Max. 30fps
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), RTCP, RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour
Security	HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log, 802.1x authentication
Streaming Method	Unicast / Multicast
Max. User Access	15 users at unicast mode
Edge Storage	micro SD/SDHC/SDXC Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded
Application Programming Interface	ONVIF profile S, HTTP API (SUNAPI) 2.0, S/NP 1.2
Webpage Language	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek, Norwegian, Finnish
Web Viewer	Supported OS : Windows XP / VISTA / 7 / 8 / 8.1, MAC OS X 10.7 Supported Browser : Microsoft Internet Explorer (Ver. 11 ~ 8) Mozilla Firefox (Ver. 19 ~ 9) * Windows only Google Chrome (Ver. 25 ~ 15) * Windows only Apple Safari (Ver. 6.0.2(Mac OS X 10.8, 10.7 only), 5.1.7) * Mac OS X only
Central Management Software	SmartViewer
ENVIRONMENTAL	
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH *Start up should be done at above -10°C (+14°F)
Storage Temperature / Humidity	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
Ingress Protection	IP66
ELECTRICAL	
Input Voltage / Current	PoE (IEEE802.3af)
Power Consumption	Max. 7.7W
MECHANICAL	
Color / Material	Dark gray / Plastic
Dimensions (WxHxD)	77.1 x 83.0 x 302.4mm (3.04" x 3.27" x 11.91")
Weight	560g (1.23 lb)

* Data recorded on an SD memory card may be lost or damaged by data access during power-off, mechanical shock, memory card detachment, or other operations. Data loss or damage can also occur when a memory card reaches end of life, which varies according to operational conditions.
No guarantee is given against damage (including passive damage).

* The latest product information / specification can be found at www.samsungsecurity.com