

SNO-6011R

# The Wise Choice for Professionals



## SNO-6011R

2MP 1080p Full HD Weatherproof Network IR Camera

- Max. 2M (1920 x 1080) resolution, 1080p Full HD support
- 30fps@1080p Full HD
- Built-in 3.8mm fixed lens
- Day & Night (ICR), Enhanced DIS, Defog
- WDR (120dB), IR LED (IR distance 15m, 16ea)
- Built-in SD/SDHC/SDXC memory slot
- Multi-crop streaming, IP66

The SNO-6011R from Samsung Techwin's WiseNetIII network range features our most advanced technology with 2 megapixel 1080p high definition images. Its high end functions include 120dB WDR and built in adaptive LED illumination creating clear images in complete darkness. With enhanced features and new technologies which combat the challenges of tough environmental conditions the SNO-6011R meets the needs of the professional security market. Rated to IP66 with integrated sunshield and mounting bracket, the SNO-6011R can be wall or ceiling mounted to ensure the correct field of view every time.



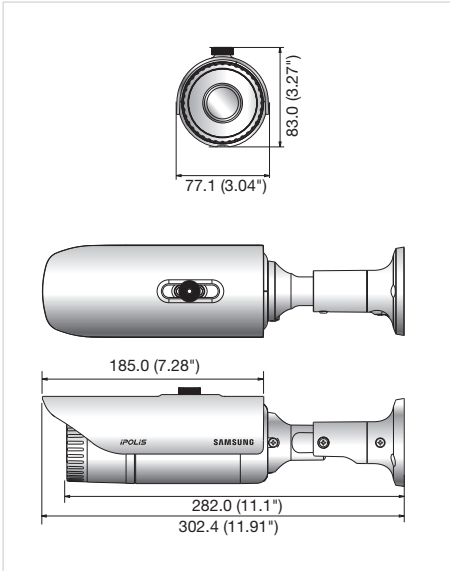
## Specifications



	SNO-6011RN/P
<b>VIDEO</b>	
Imaging Device	1/2.8" PS Exmor 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), B/W : 0Lux (IR LED on)
S / N Ratio	50dB
Video Output	CVBS : 1.0 Vp-p / 75Ω composite, 704 x 480(N), 704 x 576(P)
<b>LENS</b>	
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
<b>OPERATIONAL</b>	
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	120dB
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)
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 4points 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, Appear / Disappear, Face detection, with metadata
Alarm I/O	Input 1ea
Alarm Triggers	Motion detection, Face detection, Tampering detection, Video analytics, Network disconnection, Alarm input
Alarm Events	File upload via FTP and E-mail, Notification via E-mail
<b>NETWORK</b>	
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, 640 x 360, 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
Memory Slot	Micro SD/SDHC/SDXC
Application Programming Interfac	Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded ONVIF profile S, HTTP API v2.0, 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, Norwegian
Web Viewer	Supported OS : Windows XP / VISTA / 7, MAC OS X 10.7 or higher Supported Browser : Internet Explorer 7.0 or Higher, Firefox 9.0 or Higher, Chrome 15.0 or Higher, Safari 5.1 or Higher
Central Management Software	SmartViewer 4.0
<b>ENVIRONMENTAL</b>	
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH
Storage Temperature / Humidity	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
Ingress Protection	IP66 grade
<b>ELECTRICAL</b>	
Input Voltage / Current	PoE (IEEE802.3af)
Power Consumption	Max. 8.5W
<b>MECHANICAL</b>	
Color / Material	Dark gray / Plastic
Dimensions (WxHxD)	77.1 x 83.0 x 302.4mm (3.04" x 3.27" x 11.91")
Weight	330g (0.73 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.

### ■ DISTRIBUTED BY

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