



SAMSUNG TECHWIN

iPOLiS,
Your smart security solution

SNV-6012M

The Wise Choice for Professionals



SNV-6012M

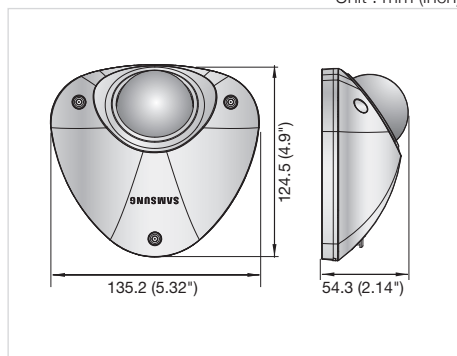
**2MP 1080p Full HD Vandal-Resistant
Network Mobile Flat Camera**

- Max. 2M (1920 x 1080) resolution, 1080p Full HD support
- 60fps@1080p Full HD
- Day & Night (Electrical), Enhanced DIS, Defog
- WDR (120dB), SD/SDHC/SDXC memory slot
- IP66, IK10, M12 connector, EN50155, EN50121

The SNV-6012M mobile camera 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, low light performance down to 0.3 lux (F2, 50IRE, color) creating clear images under low light conditions. The SNV-6012M has a M12 connector for secure installation in transportation applications and its vibration resistant build (EN50155, EN50121) ensure reliable video in any transportation environment.

**Dimensions**

Unit : mm (inch)

**Specifications**

	SNV-6012M
VIDEO	
Imaging Device	1/2.8" PS Exmor 2.38M CMOS
Total Pixels	1,952(H) x 1,116(V)
Effective Pixels	1,944(H) x 1,104(V)
Scanning System	Progressive
Min. Illumination	Color : 0.3Lux (1/30sec, F1.2, 50IRE), 0.005Lux (2sec, F1.2, 50IRE)
S / N Ratio	50dB
Video Output	CVBS : 1.0 Vp-p / 75Ω composite, 704 x 480(N), 704 x 576(P), for installation, DIP connector type
LENS	
Focal Length (Zoom Ratio)	3mm fixed
Max. Aperture Ratio	F2.0
Angular Field of View	H : 103.1° / V : 53.9° / D : 124.5°
Lens Type	Fixed iris
Mount Type	Board-in type
PAN / TILT / ROTATE	
Pan Range	-10° ~ 10°
Tilt Range	0° ~ 90°
OPERATIONAL	
Camera Title	Off / On (Displayed up to 45 characters)
Day & Night	Auto (Electrical) / Color / B/W / Schedule
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 4 points polygonal zones)
Privacy Masking	Off / On (32 zones with 4 points of polygonal)
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2 ~ 1/12,000sec)
Flip / Mirror	Off / On
Intelligent Video Analytics	Tampering, Virtual line, Enter/Exit, Appear / Disappear, Face detection
Alarm Triggers	Motion detection, Face detection, Video analytics, Network disconnection, Tampering
Alarm Events	File upload via FTP and E-mail, Notification via E-mail, Local storage (SD/SDHC/SDXC) recording at Event (Alarm triggers)
NETWORK	
Ethernet	10Base-T / 100Base-TX, M12 connector (4poles, Female, D-coding)
Video Compression Format	H.264 (MPEG-4 part 10/AVC), MJPEG
Resolution	1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180
Max. Framerate	H.264 : Max. 60fps at all resolutions MJPEG : 1920 x 1080, 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	Recorded data in the SDX/SDHC/SD memory card can be downloaded
Webpage Language	ONVIF profile S, HTTP API v2.0, SVNP 1.2 English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatia, Hungary, Greek, Finnish, Norwegian
Web Viewer	Supported OS : Windows XP / VISTA / 7 / 8, MAC OS X 10.7 Supported Browser : Microsoft Internet Explorer (Ver. 10, 9, 8, 7), Mozilla Firefox (Ver. 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9), Google Chrome (Ver. 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15), 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 4.0, SSM
Mobile Viewer	iPOLIS mobile v2.0 or higher
ENVIRONMENTAL	
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH
Storage Temperature / Humidity	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
Ingress Protection	IEC 60529 IP66, NEMA 250 type 4X
Vibration Resistance	EN 50155 class T3 (Vibration, shock, bump, temperature) EN 50121, ISO 16750-3 (Vibration)
Vandal Resistance	IEC 62262 class IK10 (20J)
UL	UL60590-1
ELECTRICAL	
Input Voltage / Current	PoE (Class A type only)
Power Consumption	Max. 7.5W
MECHANICAL	
Color / Material	Ivory / Aluminum
Dimensions (WxH)	135.2 x 54.3 x 124.5mm (5.32" x 2.14" x 4.9")
Weight	530g (1.17 lb)



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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