

SNB-7002

3Megapixel Network Camera



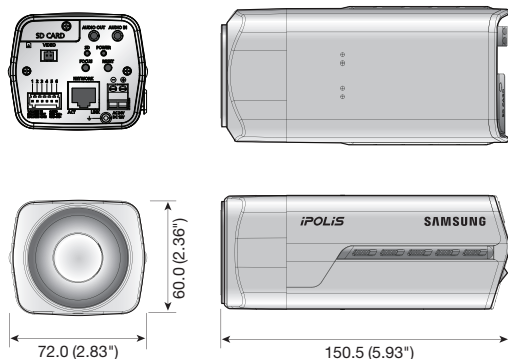
* Lens not included

Key Features

- Max. 3M (2048 x 1536) resolution
- 16 : 9 Full HD (1080p) resolution support
- H.264, MJPEG dual codec
- Multiple streaming
- Smart compression (ROI encoding)
- Audio / Face / Motion detection
- Simple focus, UPnP, PoE, Bi-directional audio support

Dimensions

Unit : mm (inch)



Available Lenses / Accessories (Optional)



	SNB-7002N/P
VIDEO	
Imaging Device	1/3" 3.1M PS CMOS
Total Pixels	2,064(H) x 1,578(V)
Effective Pixels	2,052(H) x 1,536(V)
Scanning System	Progressive
Min. Illumination	Color : 0.7Lux (F1.2, 50IRE), 0.011Lux (Sens-up 60x) B/W : 0.07Lux (F1.2, 50IRE), 0.001Lux (Sens-up 60x)
S / N Ratio	50dB
Video Output	CVBS : 1.0Vp-p / 75Ω composite (DIP connector type), 704 x 480(N), 704 x 576(P), for installation
LENS	
Focus Control	Manual / Simple focus / Day & Night
Lens Type	Manual / DC auto iris
Mount Type	C / CS
OPERATIONAL	
Camera Title	Off / On (Displayed up to 15 characters)
Day & Night	Auto (ICR) / Color / B/W / External
Backlight Compensation	Off / BLC / HLC / WDR
Wide Dynamic Range	Off / On (96dB) 3M mode : 20fps, 2M mode : 30fps
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 rectangular zones)
Privacy Masking	Off / On (1 ea 4 point polygonal + 16 ea rectangular zones)
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 (1/30 ~ 12,000sec)
Flip / Mirror	Off / On
Intelligent Video Analytics	Audio detection, Face detection, Tampering, Virtual line, Enter / Exit, Appear / Disappear
Alarm I/O	Digital 1/1
Remote Control Interface	RS-485
RS-485 Protocol	Samsung-T/E, Pelco-P/D, Sungjin
Alarm Triggers	Motion detection, Video analytics, Sensor input
Alarm Events	File upload via FTP and E-mail, Notification via E-mail, TCP, Local storage (SD/SDHC) recording at network disconnected
NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264 (MPEG-4 part 10/AVC), MJPEG
Resolution	3M mode - 2048 x 1536, 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, 640 x 360, 320 x 240, 320 x 180
	2M mode - 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	3M mode - H.264 : Max. 20fps at all resolutions MJPEG : 800 x 600 ~ 320 x 180 - 20fps, 1024 x 768 ~ 1920 x 1080 - 15fps 2048 x 1536 - 10fps
	2M mode - H.264 : Max. 30fps at all resolutions MJPEG : 800 x 600 ~ 320 x 180 - 30fps, 1024 x 768 ~ 1920 x 1080 - 15fps
Smart Codec	Yes (Area based method)
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 6 profiles)
Audio I/O	Mic / Line in, Line out, Built-in mic.
Audio Compression Format	G.711 u-law, G.726 (16Kbps, 24Kbps, 32Kbps, 40Kbps)
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, UPnP
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	SD/SDHC memory slot
ONVIF Conformance	Yes (Profile S)
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, 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, SSM (Samsung Security Manager)
ENVIRONMENTAL	
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
ELECTRICAL	
Input Voltage / Current	24V AC, 12V DC, PoE (IEEE802.3af)
Power Consumption	Max. 9W (24V AC, 12V DC, PoE (Class3))
MECHANICAL	
Color / Material	Dark gray / Aluminum
Dimensions (WxHxD)	72.0 x 60.0 x 150.5mm (2.83" x 2.36" x 5.93")
Weight	468g (1.03 lb)

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