

# Value line 3 Megapixel Network Camera



## 3 Megapixel Full HD Network Camera

# SNB-7001

The SNB-7001 features 3 megapixel and 1080p Full HD resolution with a compact design and affordable price. Multiple streaming is possible with a choice of H.264 and MJPEG compression methods, providing the option to simultaneously transmit images to multiple locations at various frame rates up to 30fps(2MP)/20fps(3MP), and at different resolution. This compact HD network camera is a great fit for small/home offices which require high resolution video at an affordable price.

- Maximum 3 MP resolution (2048 X 1536)
- Multiple Streaming
- H.264 & MJPEG dual codec
- Tampering Alarm, Motion Detection
- Privacy Masking, Smart codec(ROI encoding)
- Day & Night (Software)

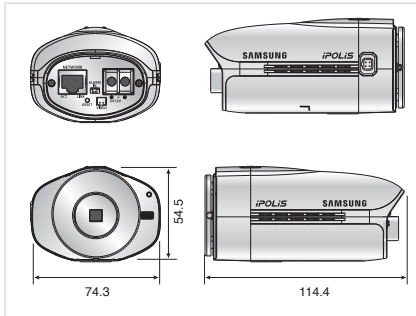
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## Dimensions

Unit : mm (inch)



## Available Lenses/ Accessories(Optional)



## Specifications

	SNB-7001N/P
<b>VIDEO</b>	
Imaging Device	1/2.8" 3M PS CMOS
Total Pixels	2,144(H) X 1,588(V)
Effective Pixels	2,096(H) X 1,561(V)
Scanning System	Progressive
Min. Illumination	Color/ B/W : 0.4 Lux (F1.2, 50IRE)
Video Out	CVBS : 1.0 Vp-p / 75Ω composite, 704x480(N), 704x576(P), for installation
<b>HORIZONTAL RESOLUTION</b>	
Lens Type	Manual / DC Auto Iris
Mount Type	C/CS
<b>OPERATIONAL</b>	
Camera Title	Off / On (Displayed up to 15 characters)
Day & Night	(SW) Auto / Color / B/W
Backlight Compensation	Off / BLC
Digital Noise Reduction	SSNR (Off / On)
Motion Detection	Off / On (4 programmable zones, 2Mega 20fps, 3Mega 15fps)
Privacy Masking	Off / On (12 rectangular zones)
Sens-up (Frame Integration)	Off / Auto (2x ~ 60x)
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 (3M 15fps, 2M 20fps, 3M 15fps)
Alarm I/O	Input 1ea
<b>NETWORK</b>	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264, MJPEG
Resolution	<3M Mode> 2048x1536, 1920x1080P(Full HD), 1600x1200, 1280x1024, 1280x960, 1280x720P(HD), 1024x768
	800x600, 800x450, 640x480, 640x360, 320x240, 320x180
	<2M Mode> 1920x1080P(Full HD), 1280x1024, 1280x960, 1280x720P(HD), 1024x768, 800x600, 800x450, 640x480
Max. Framerate	<3M Mode> H.264 : Max 20fps at all resolutions MJPEG : 800x600 ~ 320x180 - 20 fps / 1280x1024 ~ 1920x1080 - 15 fps / 2048x1536 - 10 fps
	<2M Mode> H.264 : Max 30fps at all resolutions MJPEG : 800x600 ~ 320x180 - 30 fps / 1280x1024 ~ 1920x1080 : 15 fps
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 5 Profiles)
IP	IPv4, IPv6
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NT, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP
QoS	IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF
Security	On/Off
Streaming Method	HTTPS(SSL) Login Authentication / Digest Login Authentication / IP Address Filtering
Max. User Access	User access Log / 802.1X Authentication
ONVIF Conformance	Unicast / Multicast
10 users at Unicast Mode	Yes
<b>WEBPAGE LANGUAGE</b>	
Web Viewer	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek, Norwegian, Finnish
Supported OS : Windows XP / VISTA / 7, MAC OS 10.7 or higher	Supported Browser : Internet Explorer 7.0 or Higher, Firefox 9 or higher, Google Chrome 15 or higher, Apple Safari 5.1 or higher
Central Management Software	NET-i viewer
<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 / Less than 90%RH
<b>ELECTRICAL</b>	
Input Voltage	12V DC, PoE(IEEE802.3af)
Power Consumption	Max 3.7W (DC 12V), Max 4.3W (PoE)
<b>MECHANICAL</b>	
Color / Material	Black, Silver / Aluminium, Plastic
Dimension (WxHxD)	74.3 x 55.3 x 114.3mm (2.93" x 2.18" x 4.50")
Weight	170g (0.37 lb)

Design and specifications are subject to change without notice.



The **Eco mark** represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.



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