Value line 3 Megapixel
Network Camera

3 Megapixel Full HD Network Camera

SNB-7001

This cost effective 3MP High Definition network camera is a great fit for applications which require high resolution video. The SNB-7001 features contrast enhancement and day/night capabilities for challenging lighting conditions, and is equipped with high-end functionalities such as Tampering Detection and Motion Detection.

- 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)
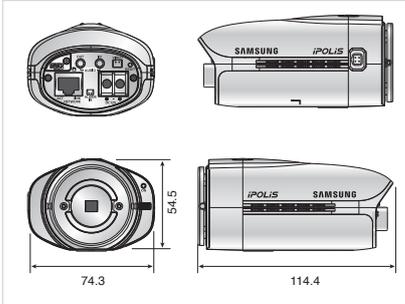
3 Megapixel Full HD Network Camera
SNB-7001

FULL HD 3M | Smart Compression | E-D&N | PoE

Specifications

	SNB-7001N/P
VIDEO	
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
HORIZONTAL RESOLUTION	
Lens Type	Manual / DC Auto Iris
Mount Type	C/CS
OPERATIONAL	
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
NETWORK	
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 640x360, 320x240, 320x180
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 (When WDR ON, Max. framerate is Max 15fps.) 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 IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF
QoS	On/Off
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
ONVIF Conformance	Yes
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 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
ENVIRONMENTAL	
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
ELECTRICAL	
Input Voltage	12V DC, PoE(IEEE802.3af)
Power Consumption	Max 3.7W (DC 12V), Max 4.3W (PoE)
MECHANICAL	
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.

Dimensions
Unit : mm (inch)

54.5
74.3
114.4

Available Lenses/ Accessories(Optional)

SLA-M3180DN

SHB-4300H1/4300H2/4300H3

SHB-4200/4200H

STB-400

use with

STH-500

or

STH-200

STB-4150V

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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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