SAMSUNG TECHWIN

iPOLiS
Your smart security solution

SNB-5003

The Wise Choice for Professionals

SNB-5003

1.3MP 720p HD Network Camera

- Max. 1.3M (1280 x 1024) resolution, 720p HD support
- 60fps@720p HD
- P-iris
- Day & Night (Electrical), Enhanced DIS, Defog
- WDR (130dB), SD/SDHC/SDXC memory slot
- Multi-crop streaming

The SNB-5003 from Samsung Techwin's WiseNetIII network range features our most advanced technology with 1.3 megapixel 720p high definition images. Its high end functions include 130dB WDR, low light performance down to 0.05 lux (F1.2, 50IRE, color) creating clear images under low light conditions, and P-iris support which results in images with better contrast, clarity, resolution and depth of field. With enhanced features and new technologies which combat the challenges of tough environmental conditions the SNB-5003 meets the needs of the professional security market.

FIRST EDITION 07-2013

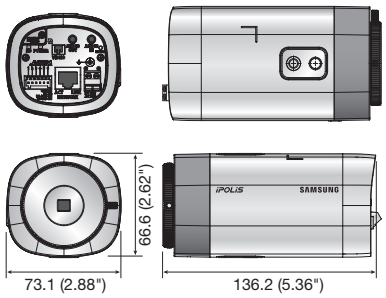
1.3MP 720p HD Network Camera

SNB-5003

1.3M Megapixel | Full HD 720p | E-D&N | WDR

Dimensions

Unit : mm (inch)



Accessory (Optional)

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

Specifications

ONVIF

	SNB-5003N/P
VIDEO	
Imaging Device	1/3" 1.3M PS CMOS
Total Pixels	1,384(H) x 1,076(V)
Effective Pixels	1,329(H) x 1,049(V)
Scanning System	Progressive
Min. Illumination	Color : 0.05Lux (1/30sec, F1.2, 50IRE), 0.0008Lux (2sec, F1.2, 50IRE) B/W : 0.05Lux (1/30sec, 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	
Focus Control	Manual
Lens Type	Manual / DC auto iris, P-Iris
Mount Type	C / CS
OPERATIONAL	
Camera Title	Off / On (Displayed up to 40 characters)
Day & Night	Auto (Electrical) / Color / B/W / External / Schedule
Backlight Compensation	Off / BLC
Wide Dynamic Range	130dB↑
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)
Digital Noise Reduction	SSNRIII (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 (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, Audio detection, Face detection
Alarm I/O	Input 1ea / Output 1ea
Remote Control Interface	RS-485
RS-485 Protocol	Samsung-T/E, Pelco-P/D, Sungjin
Alarm Triggers	Motion detection, Tempering, Audio detection, Face detection, Video analytics, Network disconnection
Alarm Events	File upload via FTP and E-mail, Notification via E-mail, TCP and HTTP Local storage (SD/SDHC/SDXC) recording at Network disconnected & Event (Alarm triggers), External output
NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264 (MPEG-4 part 10/AVC), MJPEG
Resolution	1280 x 1024, 1280 x 720P (HD), 1024 x 768, 800 x 600, 640 x 480, 320 x 240
Max. Framerate	H.264 : Max. 60fps at all resolutions MJPEG : 1280 x 1024, 1280 x 720, 1024 x 768 : Max. 15fps 800 x 600, 640 x 480, 320 x 240 : 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)
Audio In	Selectable (Mic in / Line in), Max output level : 1 Vrms Supply voltage : 2.5V DC (4mA), Input impedance : approx. 2K Ohm
Audio Out	Line out (3.5mm stereo mini jack)
Audio Compression Format	G.711 u-law /G.726 selectable, G.726 (ADPCM) 8KHz, G.711 8KHz G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps
Audio Communication	Bi-directional audio
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 Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded
Application Programming Interfac	ONVIF profile S, SUNAPI 2.0, SVNP 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
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
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 class3)
Power Consumption	Max. 12.5W (24V AC, 50 ~ 60Hz), Max. 10.5W (12V DC), Max. 12W (PoE, Class3)
MECHANICAL	
Color / Material	Black, Ivory / Aluminium, Plastic
Dimensions (WxH)	73.1 x 66.6 x 136.2mm (2.88" x 2.62" x 5.36")
Weight	330g (0.73 lb)

* Data recorded on an SD memory card may be lost or damaged by data access during power-off, mechanical shock, memory card detachment, or other operations. Data loss or damage can also occur when a memory card reaches end of life, which varies according to operational conditions. No guarantee is given against damage (including passive damage).

Design and specifications are subject to change without notice.

■ DISTRIBUTED BY

SAMSUNG TECHWIN CO., LTD. 701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400
Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745 www.samsung**security**.com www.samsung**cctv**.com

SAMSUNG TECHWIN AMERICA Inc.
100 Challenger Rd. Suite 700 Ridgefield Park, NJ 07660
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920
Fax : +1-201-373-0124

SAMSUNG TECHWIN EUROPE LTD.
2nd floor No5. The Height, Brookland, Weybridge, Surrey, U.K. KT13 0NY
Tel : +44-1932-82-6700 Fax: +44 1932 82 6701

SHANGHAI SAMSUNG TECHWIN CO., LTD.
32F, Blk B, International Business Center,
No. 391 Guiping Rd., Shanghai, China, 200233
Tel : +86-21-5427-1155 Fax : +86-21-5423-5122

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