

Full HD in CCTV

3 Megapixel Network Camera



3Megapixel Full HD Network Box Camera

SNB-7000

The SNB-7000 is an ONVIF compliant 3 Megapixel box camera that incorporates Samsung's WiseNet2 DSP chipset. This camera is capable of displaying multiple resolutions from CIF (320 x 240) through to 16:9 format 1080p full HD and up to 3 megapixel (2048 x 1536). The SNB-7000 Series cameras feature Smart Compression where a predefined Region of Interest (ROI) or faces (Face detection) are compressed differently than the rest of the image making them clearer while maximizing bandwidth and storage efficiency.

- Max. 3M (2048 x 1536) resolution
- 16:9 Full HD (1080p) resolution support
- H.264 / MJPEG multiple codecs
- WDR (supported in 2M mode only)
- Smart Compression (ROI encoding)
- True Day/Night (ICR)

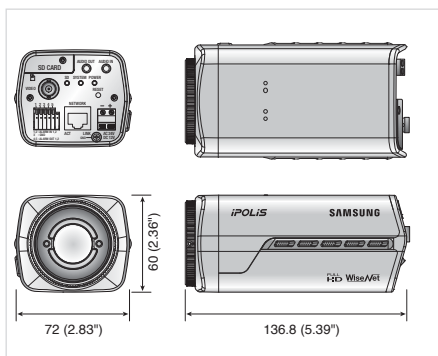
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Dimensions

Unit : mm (inch)



Available Lenses / Accessories (optional):



Specifications

SNB-7000N/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 (TBD)	Color : 1Lux (F1.2, 50IRE), 0.017Lux (Sens-up 60x) B/W : 0.08Lux (F1.2, 50IRE), 0.001Lux (Sens-up 60x)	
S / N Ratio	50dB	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite, 704 x 480(N), 704 x 576(P), for installation	
LENS		
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 B/W	
Backlight Compensation	Off / BLC / HLC / WDR	
Wide Dynamic Range	(*2M mode only), 52dB	
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)	
Digital Noise Reduction	SSNRIII (2D+3D noise filter) (Off / On)	
Motion Detection	Off / On (4 programmable zones)	
Privacy Masking	Off / On (1ea 4 point polygonal + 16ea 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 ~ 30,000sec)	
Flip / Mirror	Off / On	
Alarm I/O	Input 1ea / Output 1ea (Relay)	
Remote Control Interface	RS-485	
RS-485 Protocol	Samsung-T/E, Pelco-P/D, Sungjin	
NETWORK		
Ethernet	RJ-45 (10/100BASE-T)	
Video Compression Format	H.264, MJPEG	
Resolution	3M mode - H.264 : Max. 20fps at all resolutions MJPEG : 800 x 600 ~ 320 x 180 - 20fps 1280 x 1024 ~ 1600 x 1200 - 15fps 1920 x 1080 ~ 2048 x 1536 - 10fps	
	2M mode - H.264 : Max. 30fps at all resolutions (When WDR on, Max. framerate is Max. 15fps.) MJPEG : 800 x 600 ~ 320 x 180 - 30fps 1280 x 1024 ~ 1920 x 1080 : 15fps	
	Max. Framerate	3M mode : Max. 20fps, 2M mode : Max. 30fps * When WDR on, Max. framerate is Max. 15fps
	Smart Codec	Yes (Area based method, Face detection 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	
Audio Compression Format	G.711 u-law	
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, ONVIF	
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	
Webpage Language	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek	
Web Viewer	Supported OS : Windows XP / VISTA / 7, MAC OS Supported Browser : Internet Explorer 7.0 or Higher, Firefox, Google Chrome, Apple Safari	
Central Management Software	NET-i viewer	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 80% RH	
ELECTRICAL		
Input Voltage	12V DC, 24V AC, PoE (IEEE802.3af)	
Power Consumption	Max. 7W	
MECHANICAL		
Color / Material	Dark gray / Metal	
Dimensions (WxHxD)	72.0 x 60.0 x 136.8mm (2.83" x 2.36" x 5.39")	
Weight	440g (0.97 lb)	



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