



# Technology Get Better

## 4CIF WDR Network Camera



### 4CIF WDR Network Fixed Camera

# SNB-3002

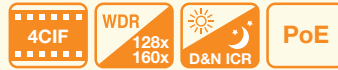


The SNB-3002 network box camera delivers 4-CIF resolution images with best in class clarity and quality. This camera features Wide Dynamic Range (WDR) technology and is able to tackle challenging lighting conditions making it suitable for areas that have strong light/dark contrasts. The SNB-3002 supports real-time monitoring, high-quality or high efficiency recording, mobile monitoring, E-mail notification and the ability to save to an SD memory card.

- 30(25)fps at 4CIF resolution
- H.264, MPEG-4, MJPEG multiple codec
- Multiple Streaming
- Day and Night Function (ICR)
- PoE, Micro SD Slot, Bi-Directional Audio

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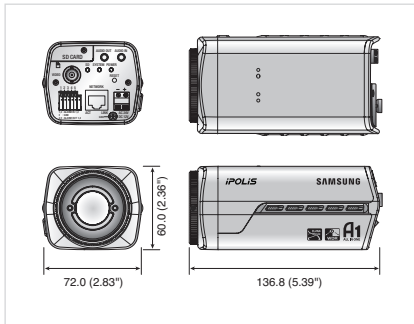
## Specifications



	SNB-3002N	SNB-3002P
<b>VIDEO</b>		
Imaging Device	1/3" Super HAD PS CCD	
Total Pixels	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Scanning System	Progressive (If WDR on, Interlaced scan)	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 600TV lines	
Min. Illumination	Color : 0.4Lux (F1.2, 50IRE), 0.001Lux (Sens-up 512x) B/W : 0.04Lux (F1.2, 50IRE), 0.0001Lux (Sens-up 512x)	
S / N Ratio	52dB	
Video Out	CVBS : 1.0 Vp-p / 75 Ω composite	
<b>LENS</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	Auto (ICR) / Color / B/W / External B/W	
Backlight Compensation	Off / BLC / WDR	
Wide Dynamic Range	128x, 52dB	160x, 52dB
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)	
Digital Noise Reduction	Motion adaptive 2D+3D noise filter (Off / Low / Middle / High / User)	
Digital Image Stabilization	Off / On	
Motion Detection	Off / On (4 programmable zones)	
Privacy Masking	Off / On (12 polygonal programmable zones, 4 point polygonal method)	
Sens-up (Frame Integration)	Off / Auto (2x ~ 512x)	
Gain Control	AGC (Low / Middle / High)	
White Balance	ATW1 / ATW2 / AWC / 3200K / 5600K	
Electronic Shutter Speed	Off / Auto (1/100 ~ 1/10Ksec)	Off / Auto (1/120 ~ 1/10Ksec)
Flip / Mirror	Off / On	
Profile	Standard / ITS / Backlight / Day & Night / Gaming / Custom	
Intelligent Video Analytics	Tampering	
Alarm I/O	Input 1ea / Output 1ea (Relay)	
Remote Control Interface	RS-485	
RS-485 Protocol	Samsung-T/E, Pelco-P/D, Sungjin	
<b>NETWORK</b>		
Ethernet	RJ-45 (10/100BASE-T)	
Video Compression Format	H.264, MPEG-4, MJPEG	
Resolution	704 x 480, 640 x 480, 352 x 240	704 x 576, 640 x 480, 352 x 288
Max. Framerate	30fps	25fps
Video Quality Adjustment	H.264, MPEG-4 : Compression level, Target bitrate level control MJPEG : Quality level control	
Bitrate Control Method	H.264, MPEG-4 : CBR or VBR, MJPEG : VBR	
Streaming Capability	Multiple streaming (Up to 10 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(JDIP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QOS, ONVIF HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log, 802.1x authentication	
Security	Unicast / Multicast/Chrome, Apple Safari	
Streaming Method	10 users at unicast mode	
Max. User Access	SD/SDHC memory slot	
Memory Slot	Yes	
ONVIF Conformance	Yes	
Web Viewer	Supported OS : Windows XP / VISTA / 7, MAC OS Supported Browser : Internet Explorer 7.0 or Higher, Firefox, Google	
Central Management Software	NET-i viewer	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 80% RH	
<b>ELECTRICAL</b>		
Input Voltage / Current	12V DC, 24V AC, PoE (IEEE802.3af)	
Power Consumption	Max. 6W	
<b>MECHANICAL</b>		
Color / Material	Silver / Metal	
Dimension (WxHxD)	72.0 x 60.0 x 136.8mm (2.83" x 2.36" x 5.39")	
Weight	440g (0.97 lb)	

## Dimensions

Unit : mm (inch)



Design and specifications are subject to change without notice.



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  
www.samsung-security.com



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