



### 1/2.8 CMOS 3 Megapixel Full HD IP Col/B

- H.264 & MJPEG compression modes (max. 30/25 fps)
- Video motion detection and pre/post-alarm buffer
- SD memory card slot for alarm image recording
- Day/Night feature with IR cut filter removable, for higher sensitivity and vibrant colors
- 3 Megapixels, Colour/B&W Camera, Full HD
- Bidirectional Audio Support
- Power Input AC24V/DC12V and PoE

# SNB-7004P

## Technical Specifications

<b>Image Sensor</b>	3 Megapixel PS CMOS; 1/2.8"
<b>Scanning System</b>	Progressive
<b>Col/B</b>	On/Off/Auto, IR-cut filter removable (ICR)
<b>Sens up</b>	Off ~ x60, auto
<b>Sensitivity Colour</b>	1 lux @ 50IRE F1.2, 1 lux @ F1.2 (50IRE)
<b>Sensitivity B/W</b>	0.08 lux @ 50IRE F1.2
<b>S/N Ratio</b>	50 dB
<b>Lens Mount</b>	C/CS mount without adaptor
<b>Lens Drive Type</b>	P-Iris
<b>Number of Privacy Zones</b>	1ea 4 point polygonal + 16ea rectangular zones
<b>Digital Noise Reduction</b>	On/off 2D/3D Noise Filter (SSNRIII)
<b>Intelligent Video Analytics</b>	Motion /Moved-Fixed Objects /Fence /Enter-Exit Area, Scene change detection, masking of the camera lens
<b>Pixels - Total</b>	2144(H) x 1588(V), 3.40M pixels
<b>Pixels - Effective</b>	2096(H) x 1561(V), 3.27M pixels
<b>High Speed Shutter</b>	1/30 ~ 1/30.000 sec, auto
<b>BLC Back Light</b>	BLC / HLC / off
<b>Wide Dynamic Range</b>	On/Off (2M mode only)
<b>Camera ID</b>	15 character, On / Off
<b>White Balance</b>	ATW, Manual, AWC, Indoor, Outdoor
<b>Video Outputs</b>	1x CVBS (1Vpp), BNC
<b>Alarm Inputs</b>	1
<b>Alarm Outputs</b>	1 Relay
<b>Remote Control</b>	RS485
<b>Operating System</b>	Embedded Linux
<b>Client OS</b>	Windows® XP; Windows® VISTA; Windows® 7; Mac OS® X
<b>Web Browser</b>	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari
<b>Video Management Software</b>	Samsung CMS S/W, 3rd party S/W application
<b>Video Compression</b>	H.264 or MPEG4 & MJPEG, Dual Encoding
<b>Audio Compression</b>	G.711 u-law, Bi-Directional
<b>Network Streaming</b>	TCP, UDP (Unicast, Multicast)
<b>Security</b>	HTTPS(SSL) Login Authentication Digest Login Authentication, IP Address Filtering

# SNB-7004P

## Technical Specifications

<b>Network Protocol</b>	IPv4: TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SAP, SNMPv1/v2c(MIB-2), ARP, ONVIF
<b>DDNS</b>	Supporting Samsung DDNS and Public DDNS servers
<b>Frame Rate</b>	3M mode: Max. 20fps at all resolutions\
<b>Maximum User Access</b>	Max. 10 users
<b>Alarm Event</b>	Alarm Input, Motion Detection or Schedule: Image transfer FTP, E-mail, recording on SD-card
<b>Login Access Level</b>	Guest, Administrator, User
<b>Time Setting</b>	Setting by NTP Server local or internet
<b>SD memory</b>	supports up to 32 GB capacity of SD/SDHC memory
<b>Input/Output sockets</b>	Video Out(BNC), Power(2-Pin Term), RJ-45, SD Card Slot, Terminal 5Pin(Alarm In 1Pin, Alarm Out 1Pin, Alarm COM, GND), Audio Out, Audio In
<b>Material</b>	Metal
<b>Operating Temperature</b>	-10°C ~ +50°C
<b>Humidity</b>	20 ~ 80%RH
<b>Supply Voltage</b>	24 Vac / 12 Vdc / PoE (IEEE 802.3af)
<b>Power Consumption (W)</b>	13,1
<b>Weight</b>	0.430 kg - 0.95 lbs