

# SNB-6004P



## 1/2.8 CMOS 2 Megapixel Full HD IP Col/B

- High frame rate of 60 frames per second at Full HD resolution (1080p)
- Embedded analytics: face detection, audio detection, advanced motion, tampering
- Simple focus by motorized image sensor
- local video and image storage on SD card
- Advanced video processing: Super light Enhancer (SSLE), extreme backlight WDR, Enhanced DIS stabiliser and Defog
- Multi-Crop Streaming with user management
- Up to 70% less bandwidth utilization, with improved Samsung processing

## Summary

The WiseNetIII Camera Series from Samsung Techwin WiseNetIII network ranges which feature the most advanced functions from Samsung with 1.3 to 3 megapixel of high definition images. These exceptional cameras have the latest technology in terms of low light, extreme back light compensation, easy of use and friendly user interface, as well as powerful image analysis algorithms. With enhanced features and new technologies which combat the challenges of tough environmental conditions, the WiseNetIII Series will meet the market need which requires professional security.

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## Technical Specifications

<b>Image Sensor</b>	1/2.8" Progressive Scan Exmor™ 2.38 Megapixel CMOS
<b>Digital Signal Processor (DSP)</b>	WiseNet III
<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>Max. Framerate H.264</b>	50/60fps @ all resolutions
<b>Max. Framerate MJPEG</b>	30fps@320 x 180 to 800 x 600, 15fps@1024 x 768 to 1920 x 1080
<b>Sensitivity Colour</b>	0.1 Lux (50IRE) @ F1.2, 0.1 Lux @ F1.2 (50IRE)
<b>Sensitivity B/W</b>	0.01 Lux @ F1.2 (50IRE) , 0.01 Lux @ F1.2(50IRE)
<b>S/N Ratio</b>	50 dB
<b>Lens Mount</b>	C/CS mount
<b>Lens Drive Type</b>	Manual / DC auto iris, P-iris
<b>Focus Adjustment</b>	Manual, Simple focus, Day&Night
<b>Number of Privacy Zones</b>	32
<b>Intelligent Video Analytics</b>	Scene change detection, masking of the camera lens, Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection
<b>Pixels - Total</b>	1384(H) x 1076(V), 1.49M pixels
<b>Pixels - Effective</b>	1329(H) x 1049(V), 1.39M pixels
<b>Digital Noise Reduction</b>	On/off 2D/3D Noise Filter (SSNRIII)
<b>High Speed Shutter</b>	Minimum / Maximum / Anti flicker (2-1/12.000sec)
<b>BLC Back Light</b>	On/Off
<b>WDR</b>	>100dB, 100dB
<b>Camera ID</b>	45 character Off/On
<b>White Balance</b>	ATW, Manual, AWC, Indoor, Outdoor
<b>Operating System</b>	Embedded Linux
<b>Video Outputs</b>	1x CVBS (1Vpp), BNC
<b>Alarm Inputs</b>	1
<b>Alarm Outputs</b>	1
<b>Video Player RTP/RTSP Streaming</b>	Quicktime, VLC player
<b>RS-485 Protocols</b>	Samsung-T/E, Pelco-P/D, Sungjin
<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

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<b>Video Management Software</b>	SmartViewer 4.0
<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>Frame Rate</b>	SXGA: 22fps, HD / SVGA / VGA / QVGA: 30fps
<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>Maximum User Access</b>	Multicast max. 20 Users Unicast max. 10 Users
<b>Network Interface</b>	1x 10/100 Base T/TX (RJ-45)
<b>DDNS</b>	Supporting Samsung DDNS and Public DDNS servers
<b>PoE Specifications</b>	IEEE-802.3af
<b>IP Installer</b>	IP Address Installation Function (Win XP, VISTA & 2000 support)
<b>Login Access Level</b>	Guest, Administrator, User
<b>Security</b>	HTTPS(SSL) Login Authentication Digest Login Authentication, IP Address Filtering
<b>Alarm Event</b>	File upload via FTP, E-Mail / Notification via E-Mail, TCP / Local storage (SD card) recording at network disconnected / External output
<b>Time Setting</b>	Setting by NTP Server local or internet
<b>SD memory</b>	Micro SD/SDHC/SDXC Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded
<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>ONVIF compliant</b>	Profile S
<b>Material</b>	Aluminium, Plastic
<b>Operating Temperature</b>	-10°C ~ +55°C
<b>Humidity</b>	less than 90%, non condensing
<b>LED Indicator</b>	Yes
<b>Supply Voltage</b>	12 VDC / 24 VAC / PoE, 12 Vdc / 24 Vac / 802.3 af PoE
<b>Dimensions ( W x H x D)</b>	73.1 x 66.6 x 147.8 mm - 2.88 x 2.62 x 5.82 In
<b>Power Consumption (W)</b>	12
<b>Weight</b>	0.395 kg - 0.87 lbs

Accessories



M13VP288IR  
1/2.7 3 Megapixel Vario P-Iris IR

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## Dimensions

Unit : mm (inch)

