

# SND-6084P



## 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 varifocal lens
- 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

Image Sensor	1/2.8" Progressive Scan Exmor™ 2.38 Megapixel CMOS
Digital Signal Processor (DSP)	WiseNet III
Scanning System	Progressive
Col/B	On/Off/Auto, IR-cut filter removable (ICR)
Max. Framerate H.264	50/60fps @ all resolutions
Max. Framerate MJPEG	30fps@320 x 180 to 800 x 600, 15fps@1024 x 768 to 1920 x 1080
Sensitivity Colour	0.1 Lux (50IRE) @ F1.2, 0.1 Lux @ F1.2 (50IRE)
Sensitivity B/W	0.01 Lux @ F1.2(50IRE) , 0.01 Lux @ F1.2 (50IRE)
S/N Ratio	50 dB
Lens	Board-in Type
Lens Drive Type	DC Auto Iris
Lens Focal Length	3.0 ~ 8.5 mm
Field of View	H : 106.18°(Wide) ~ 37.1°(Tele) / V : 58.42°(Wide) ~ 20.94°(Tele)
Minimum Object Distance	0.5 m
Focus Adjustment	Smart focus Motorized
Pan Range	0° ~ 355°
Tilt Range	0° - 67°
Rotate	0° - 355°
Number of Privacy Zones	32
Digital Noise Reduction	On/off 2D/3D Noise Filter (SSNRIII)
Intelligent Video Analytics	Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection
High Speed Shutter	Minimum / Maximum / Anti flicker (2-1/12.000sec)
BLC Back Light	On/Off
WDR	100dB, >100dB
Camera ID	45 character Off/On
White Balance	ATW, Manual, AWC, Indoor, Outdoor
Video Outputs	1x CVBS (1Vpp), BNC
Alarm Inputs	1
Alarm Outputs	1
RS-485 Protocols	Samsung-T/E, Pelco-P/D, Sungjin

**SND-6084P****Technical Specifications**

<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>	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>Network Interface</b>	1x 10/100 Base T/TX (RJ-45)
<b>PoE Specifications</b>	IEEE-802.3af
<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>SD memory</b>	Micro SD/SDHC/SDXC Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded
<b>ONVIF compliant</b>	Profile S
<b>Material</b>	Plastic
<b>Operating Temperature</b>	-10°C ~ +55°C
<b>Humidity</b>	less than 90%, non condensing
<b>Supply Voltage</b>	12 VDC / 24 VAC / PoE, 12 Vdc / 24 Vac / 802.3 af PoE
<b>Power Consumption (W)</b>	11
<b>Weight</b>	0.505 kg - 1.11 lbs

**SND-6084P****Dimensions****Dimensions**

Unit : mm (inch)

