

**SND-6011RP****1/2.8 CMOS 2 Megapixel Full HD IP Col/B&W Camera w/ IR LED**

- WDR (Wide Dynamic Range) for extreme backlight situations
- local video and image storage on SD card
- 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 though environmental conditions, the WiseNetIII Series will meet the market need which requires professional security.

# SND-6011RP

## 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>Max. Framerate H.264</b>	30fps @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>	0.3 lux @ F2.0 / 0.03Lux (2sec, 50IRE)
<b>Sensitivity B/W</b>	0 Lux LED IR on
<b>IR LED</b>	10 pcs.
<b>Max. IR Distance</b>	10 m
<b>S/N Ratio</b>	50 dB
<b>Lens Drive Type</b>	DC Auto Iris, Manual / DC auto iris
<b>Lens</b>	Board-in Type
<b>Lens Focal Length</b>	3.8 mm
<b>Field of View</b>	H : 106.18°(Wide) ~ 37.1°(Tele) / V : 58.42°(Wide) ~ 20.94°(Tele), H : 84.5° / V : 45.8° / D : 98.8°
<b>Aperture Ratio</b>	F 2.0
<b>Horizontal Viewing Angle</b>	84.5°
<b>Minimum Object Distance</b>	0.5 m
<b>Pan Range</b>	0° ~ 355°
<b>Tilt Range</b>	0° - 67°
<b>Rotate</b>	0° - 355°
<b>Number of Privacy Zones</b>	32
<b>Digital Noise Reduction</b>	On/off 2D/3D Noise Filter (SSNRIII)
<b>Intelligent Video Analytics</b>	Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection
<b>High Speed Shutter</b>	Auto/A.FKL/Manual (1/30 ~ 1/12,000sec)
<b>BLC Back Light</b>	On/Off
<b>WDR</b>	120dB
<b>Camera ID</b>	45 character Off/On
<b>White Balance</b>	ATW, Manual, AWC, Indoor, Outdoor
<b>Video Outputs</b>	CVBS : 1.0 Vp-p / 75Ohm composite, 704 x 480(N), 704 x 576(P)

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Alarm Inputs	1
Alarm Outputs	1
Client OS	Windows® XP; Windows® VISTA; Windows® 7; Mac OS® X
RS-485 Protocols	Samsung-T/E, Pelco-P/D, Sungjin
Web Browser	MS Internet Explorer 6.0 (or higher), Firefox, Google Chrome, Safari
Video Management Software	SmartViewer 4.0
Video Compression	H.264 or MPEG4 & MJPEG, Dual Encoding
Network Streaming	TCP, UDP (Unicast, Multicast)
Audio Compression	G.711 u-law, Bi-Directional
Network Interface	1x 10/100 Base T/TX (RJ-45)
PoE Specifications	IEEE-802.3af
Security	HTTPS(SSL) Login Authentication Digest Login Authentication, IP Address Filtering
Alarm Event	File upload via FTP, E-Mail / Notification via E-Mail, TCP / Local storage (SD card) recording at network disconnected /External output
SD memory	Micro SD/SDHC/SDXC Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded
ONVIF compliant	Profile S
Material	Plastic
Operating Temperature	-10°C ~ +55°C
Storage Temperature	-30°C ~ +60°C
Humidity	less than 90%, non condensing
Supply Voltage	PoE (IEEE 802.3af)
Power Consumption (W)	8
Weight	0.380 kg - 0.84 lbs

Accessories



SBP-122HM  
Hanging mount adapter

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## Dimensions

### Dimensions

Unit : mm (inch)

