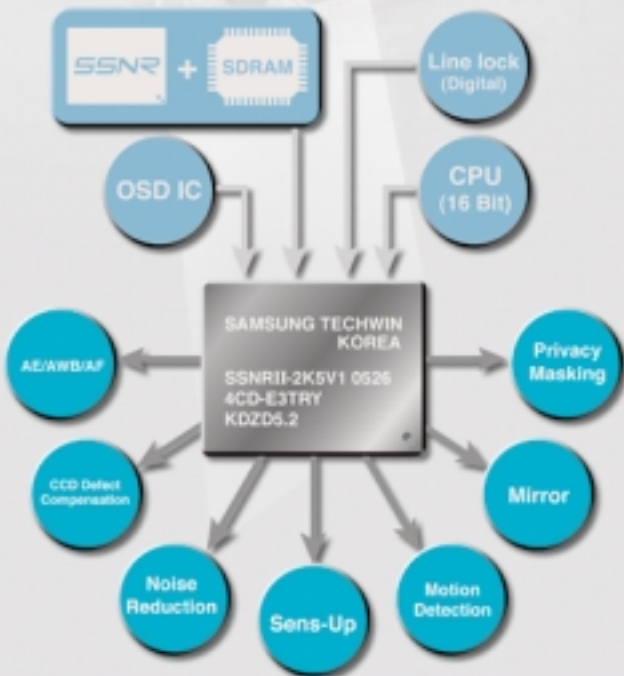




Highly integrated camera engine

WIII **WIII** DSP chip

At the heart of the SOC-4030 is **WINNERIII**, a proprietary powerful new DSP engine that allows ultra high resolution surveillance images and various intelligent functions at the same time. The New WIII DSP succeeds in integrating **SSNR**, Samsung's renowned noise reduction technology with 16-bit high speed CPU, which realizes genuine cost effectiveness of the camera.



High Resolution Day & Night Built-in Varifocal Lens Camera

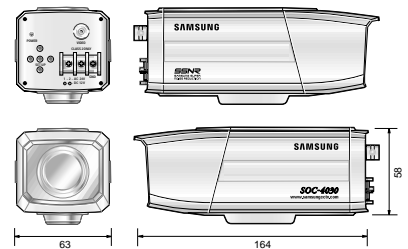
SOC-4030



Specifications

Model	SOC-4030N	SOC-4030P
Power Source	24V AC 10% / 12V DC 10% compatible	
Power Consumption	Max. 3.5W	
Total Pixels	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Image Pick-up Device	1/3" Super HAD CCD	
Scanning System	2 : 1 Interlace	
Scanning Frequency	15.734KHz(H) / 59.94Hz(V)	15.625KHz(H) / 50.00Hz(V)
Synchronization	INT / LL selectable 0 ~ 359° (Adjustable)	
Resolution	530TV lines	
Video Output	1.0Vp-p / 75Ω (Video : 0.714Vp-p, Sync : 0.286Vp-p)	1.0Vp-p / 75Ω (Video : 0.7Vp-p, Sync : 0.3Vp-p)
S/N Ratio	50dB (AGC off, Weight on)	
Min. Illumination	0.3Lux @ F1.2, 0.002Lux @ F1.2 (Sens-up 128X)	
Day & Night	On / Auto selectable	
BLC	Built-in	
Gain Control	Off / Low / Middle / High	
White Balance	ATW / AWC / Manual selectable (1800°K ~ 10,500°K)	
Electronic Shutter	Auto / Manual (1/60 ~ 1/120,000sec)	Auto / Manual (1/50 ~ 1/120,000sec)
Sens-up	Off / Auto (2X ~ 128X)	
OSD	Built-in	
Motion Detection	On / Off (4 Programmable zone, Screen display)	
SSNR	Off / Low / Middle / High (Noise control)	
Mirror	On / Off (Horizontal image inversion)	
Privacy Function	On / Off (4 Programmable zone)	
Lens Type	3X Auto Iris Vari-focal lens (F1.2, f3 ~ 9mm)	
Max. Aperture Ratio	1 : 1.2 ~ 2.1	
Viewing Angle	H : 31.8°(Tele) ~ 90.0°(Wide) / V : 23.9°(Tele) ~ 66.2°(Wide)	
Operating Temperature	-10°C ~ +50°C	
Operating Humidity	30% ~ 90% RH	
Dimension	63(W) x 58(H) x 164(D)mm	
Weight	310g	

Dimensions



Rear Panel



www.samsungcctv.com

Design and specifications are subject to change without notice.



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