

Clear Image in the Dark

600TV Lines



High Resolution WDR Camera

SCB-3000

The Samsung SCB-3000 is a cost effective high resolution camera featuring our latest SV-V DSP chipset that captures a vivid image with up to 600TV lines of resolution. This camera offers WDR (Wide Dynamic Range) capabilities with low light levels of 0.3Lux perfect for low light applications.

- High resolution 600TV lines
- Low light sensitivity of 0.3Lux
- 2D/3D filtering noise reduction technology (SSNRIII)
- 128x (NTSC) / 160x (PAL) WDR (Wide Dynamic Range)
- True Day/Night (ICR),
- PIP, coaxial control support (Pelco "C")
- Intelligence Function (Moved / Fixed, Virtual Line, Object Count)
- VPS (Virtual Progressive Scan)



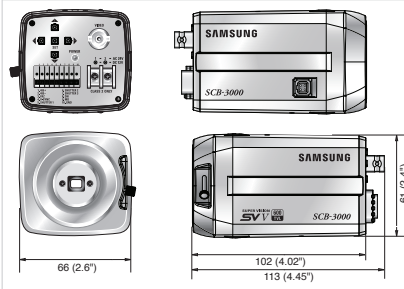
High Resolution WDR Camera

SCB-3000



Dimensions

Unit : mm (inch)



Available Lenses / Accessories (optional):



Specifications

	SCB-3000N	SCB-3000P	SCB-3000PH
VIDEO			
Imaging Device	1/3" Super HAD CCD (Double scan)		
Total Pixels	811(H) x 508(V)	795(H) x 596(V)	
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)	
Scanning System	2 : 1 Interlace		
Synchronization	Internal / Line lock / Extern		
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz	
Horizontal Resolution	Color : 600TV lines, B/W : 700TV lines		
Min. Illumination	Color : 0.3Lux@F1.2 (50IRE), 0.0006Lux (Sens-up, 512x) B/W : 0.01Lux@F1.2 (50IRE), 0.00002Lux (Sens-up, 512x)		
S / N Ratio	52dB (AGC off, Weight on)		
Video Output	CVBS : 1.0 Vp-p / 75Ω composite		
LENS			
Lens Type	Manual / Auto iris (Video / DC)		
Mount Type	C / CS		
OPERATIONAL			
On Screen Display	English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean	English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese	
Camera Title	Off / On (Displayed 15 characters)		
Day & Night	Auto (ICR) / External / Color / B/W		
Backlight Compensation	Off / User BLC / HLC / SDDR / WDR		
Wide Dynamic Range	128x (52dB)	160x (52dB)	
Contrast Enhancement	SSDR		
Digital Noise Reduction	SSNRIII (Off / On)		
Digital Image Stabilization	Off / On		
Motion Detection	Built-in		
Privacy Masking	Off / On (12 programmable zones with polygonal masking)		
Sens-up (Frame Integration)	2x ~ 512x		
Gain Control	Off / Low / High		
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,700K° ~ 11,000K°)		
Electronic Shutter Speed	1/60 ~ 1/120,000sec	1/50 ~ 1/120,000sec	
Digital Zoom	Off / On (1x ~ 16x)		
Flip	Vertical / Horizontal		
Profile	Basic / Day & Night / Backlight / ITS / Indoor / User		
VPS	Off / On		
PIP	Off / On		
Alarm	1 Out		
Communication	Coaxial control, RS-485		
Protocol	Coax : Pelco-C (Coaxitron) RS-485 : Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon		
ENVIRONMENTAL			
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH		
ELECTRICAL			
Input Voltage	Dual (24V AC & 12V DC ±10%)		230V AC ±10%
Power Consumption	Max. 4.0W		Max. 4.2W
MECHANICAL			
Color / Material	Black, Silver / Aluminum, Steel		
Dimensions (WxHxD)	66.0 x 61.0 x 102.0mm (2.6" x 2.4" x 4.02")		66.0 x 61.0 x 115.0mm (2.6" x 2.4" x 4.53")
Weight	310g (0.68 lb)		540g (1.19 lb)

■ DISTRIBUTED BY



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.

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