

# Upgraded image quality



## SCB-2004

### Premium Resolution Camera

- High resolution of 700TV lines
- Min. Illumination 0.1Lux color (F1.2, 50IRE)
- Day & Night (Electrical) SSNRIII, Defog
- Coax : Pelco-C (Coaxitron), Dual power



The SCB-2004 is a discreet general purpose analog box camera suitable for a wide range of applications. It incorporates the 6<sup>th</sup> generation Winner engine from Samsung Techwin that features premium level resolution at 700TV lines in sharp mode and other core functionalities such as SSNRIII, software day & night, and defog. It provides clear images under challenging environments, the SCB-2004 would be a perfect solution for who is looking for a cost effective high quality video surveillance camera.

Premium Resolution Camera  
**SCB-2004**

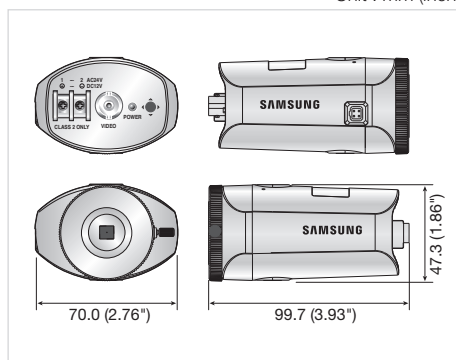


## Specifications

	SCB-2004N	SCB-2004ND	SCB-2004P	SCB-2004PD
<b>VIDEO</b>				
Imaging Device	1/3" Super HAD CCD II			
Total Pixels	1,020(H) x 508(V)		1,020(H) x 596(V)	
Effective Pixels	976(H) x 494(V)		976(H) x 582(V)	
Scanning System	2 : 1 Interlace			
Synchronization	Internal / Line lock	Internal	Internal / Line lock	Internal
Frequency	H : 15.734KHz / V : 59.94Hz		H : 15.625KHz / V : 50Hz	
Horizontal Resolution	700TV lines (ER mode)			
Min. Illumination	0.1Lux@F1.2 (50IRE), 0.0002Lux (Sens-up, 512x)			
S / N Ratio	52dB (AGC off, Weight on)			
Video Output	CVBS : 1.0 Vp-p / 75Ω composite			
<b>LENS</b>				
Lens Type	Manual / Auto iris (DC)			
Mount Type	C / CS			
<b>OPERATIONAL</b>				
On Screen Display	English, Japanese, Spanish, French, Portuguese, 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 (Electrical) / Color / B/W			
Backlight Compensation	Off / BLC / HLC			
Contrast Enhancement	SSDR (Off / On)			
Digital Noise Reduction	SSNR III (Off / On)			
Defog	Off / Auto / Manual			
Motion Detection	Off / On			
Privacy Masking	Off / On (8 programmable zones)			
Sens-up (Frame Integration)	2x ~ 512x			
Gain Control	Off / Low / Middle / High			
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,800°K ~ 10,500°K)			
Electronic Shutter Speed	1/60 ~ 1/120,000sec		1/50 ~ 1/120,000sec	
Reverse	H-Rev (Off / On)			
Communication	Coaxial control (SPC-300 compatible)			
Protocol	Coax : Pelco-C (Coaxitron)			
<b>ENVIRONMENTAL</b>				
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH			
<b>ELECTRICAL</b>				
Input Voltage / Current	Dual (24V AC & 12V DC ±10%)	12V DC ±10%	Dual (24V AC & 12V DC ±10%)	12V DC ±10%
Power Consumption	Max. 2.2W	Max. 1.3W	Max. 2.2W	Max. 1.3W
<b>MECHANICAL</b>				
Color / Material	Ivory / Plastic			
Dimensions (WxHxD)	70.0 x 47.3 x 99.7mm (2.76" x 1.86" x 3.93")			
Weight	120g (0.26 lb)	100g (0.22 lb)	120g (0.26 lb)	100g (0.22 lb)

## Dimensions

Unit : mm (inch)



## Accessory (Optional)



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.

### ■ DISTRIBUTED BY

**SAMSUNG TECHWIN CO., LTD.** 701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400  
Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745 www.samsungsecurity.com www.samsungcctv.com

**SAMSUNG TECHWIN AMERICA INC.**  
100 Challenger Rd. Suite 700 Ridgely Park, NJ 07660  
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920  
Fax : +1-201-373-0124

**SAMSUNG TECHWIN EUROPE LTD.**  
2st floor No5, The Height, Brookland, Weybridge, Surrey, U.K.  
KT13 0NY  
Tel : +44-1932-82-6700 Fax : +44 1932 82 6701

**SHANGHAI SAMSUNG TECHWIN CO., LTD.**  
32F, Bk B, International Business Center,  
No. 391 Guiping Rd., Shanghai, China, 200233  
Tel : +86-21-5427-1155 Fax : +86-21-5423-5122



**SAMSUNG TECHWIN**