

SCB-2000

1/3" High Resolution Camera



CAMERA

Features

- 1/3" Super HAD color CCD
- Based on W-V, the latest generation of Winner DSP engine
- SSNR III, Upgraded 2D/3D noise reduction technology
- Day & Night capability for 24/7 operation
- High resolution of 600TV lines
- Min. illumination of 0.05Lux@F1.2 (Color)
0.0001Lux@F1.2 (Color sens-up)
- Privacy masking with 12 user programmable zones
- SDR (Samsung Super Dynamic Range)
- HLC (Highlight Compensation)
- DIS (Digital Image Stabilization)
- Motion detection
- Coaxial control
- 512x sens-up support
- Multi-language OSD
- S/N ratio of 52dB
- Dual voltage: 12V DC / 24V AC (SCB-2000N/P)
- Voltage: 12V DC (SCB-2000ND/PD)

Technical Specifications

	SCB-2000N	SCB-2000ND	SCB-2000P	SCB-2000PD
ELECTRICAL				
Input Voltage	Dual (12V DC / 24V AC)	12V DC	Dual (12V DC / 24V AC)	12V DC
Power Consumption	Max. 3.5W	Max. 2.5W	Max. 3.5W	Max. 2.5W
VIDEO				
Imaging Device	1/3" Super HAD CCD			
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	Internal	Internal / Line lock	Internal
Frequency	H : 15.734KHz / V : 59.94Hz		H : 15.625KHz / V : 50Hz	
Horizontal Resolution	600TV lines (Min.)			
Min. Illumination	Color : 0.05Lux (50 IRE@F1.2), 0.0001Lux (Sens-up, 512x)			
S / N (Y signal)	52dB			
Video Output	CVBS : 1.0Vp-p / 75Ω composite			
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 (Electrical) / Color / B/W			
SSDR	On / Off (Level adjustable)			
Backlight Compensation	BLC / HLC / Off			
Motion Detection	On / Off (8 programmable zones)			
Digital Zoom	On / Off (1x ~ 16x)			
Digital Image Stabilization	On / Off			
Privacy Masking	On / Off (12 programmable zones)			
2D+3D Noise Filter (SSNR III)	On / Off			
Sens-up (Frame Integration)	Auto / Off (Selectable 2x ~ 512x)			
Gain Control	Low / High / Off			
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,700°K ~ 11,000°K)			
Electronic Shutter Speed	1/60 ~ 1/120,000sec		1/50 ~ 1/120,000sec	
Sharpness	On / Off (Level adjustable)			
Flip / Mirror	On / Off			
Communication	Coaxial control			
ENVIRONMENTAL				
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 30% ~ 90% RH			
MECHANICAL				
Dimension (WxHxD)	58 x 52 x 121mm (2.28" x 2.05" x 4.76")			
Weight	310g (0.68 lb)	290g (0.64 lb)	310g (0.68 lb)	290g (0.64 lb)
Lens Mount	C / CS			
Certifications	FCC (Class A), UL/cUL listed	FCC (Class A)	CE (Class A)	

Dimensions

Unit : mm (inch)

