

Convenient Camera with Weatherproof Housing and Bracket



High Resolution, Day & Night Vari-focal Lens Camera

SOC-4160

The SOC-4160 camera is equipped with a weatherproof housing and bracket for convenient and cost-effective installations, and a 3.6X vari-focal lens (2.8 ~ 10mm) for broader visual angles. Embedded with the W-V DSP chipset, this camera achieves a 600TV lines high resolution, day and night. And its 2D/3D filtering noise reduction technology further increases image clarity. In addition, it is IP66-rated for both dust and waterproofing to maintain stable performance in any indoor or outdoor location.

- High resolution camera with horizontal resolution of 600TV lines
- 3.6X vari-focal lens (2.8 ~ 10mm)
- Ultra low light levels of 0.15Lux, Day & Night
- Camera with weatherproof housing and bracket
- Dustproof and waterproof (IP66-rated)



High Resolution, Day & Night Vari-focal Lens Camera

SOC-4160

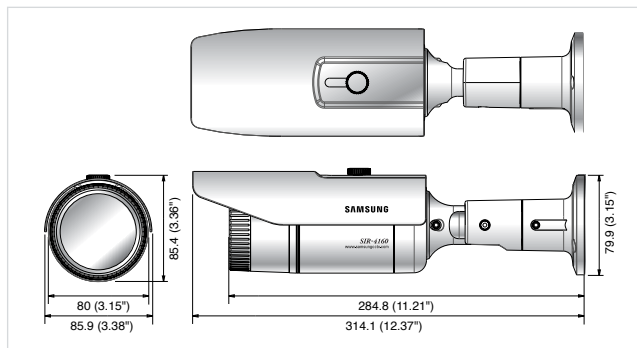


Specifications

	SOC-4160N	SOC-4160P
ELECTRICAL		
Input Voltage	Dual (12V DC/ 24V AC)	
Power Consumption	Max. 3.5W	
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	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 600TV lines / B/W : 700TV lines	
Min. illumination	Color : 0.15Lux (50 IRE@F1.2), 0.0003Lux (Sens-up, 512X), B/W : 0.001Lux (50IRE, @F1.2), 0.00002Lux (Sens-up, 512X)	
S / N (Y signal)	52dB	
Video Output	CVBS : 1.0Vp-p / 75	
LENS		
Zoom Ratio	3.6X (Manual)	
Focal Length	2.8 ~ 10mm (F1.2)	
Max. Aperture Ratio	1 : 1.2(Wide) ~ 2.8(Tele)	
Min. Object Distance	0.2m (0.66ft)	
Angular Field of View	H : 94.4°(Wide) ~ 28°(Tele) / V : 69.2°(Wide) ~ 21°(Tele)	
Focus	Manual	
Iris Control	Auto / Manual	
OPERATIONAL		
On Screen Display	Korean, English, Japanese, Spanish, French, Portuguese	English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech
Camera Title	Off / On (Displayed 15 characters)	
Day & Night	Color / BW / Auto (ICR)	
SDDR	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)	On / Off (Selectable 2X ~ 512X)	
Gain Control	Low / High / Off	
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,700K° ~ 11,000K°)	
Electronic Shutter Speed	Fixed (1/60 / Flickerless)	Fixed (1/50 / Flickerless)
Sharpness	On / Off (Level adjustable)	
Flip / Mirror	On / Off	
Communication	Coaxial (Protocol : Pelco Coaxitron), RS-485	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C / 20% ~ 80% RH	
Storage Temperature / Humidity	-20°C ~ +60°C / 20% ~ 95% RH	
MECHANICAL		
Dimension (WxHxD)	85.9 x 85.4 x 314.1mm (3.38" x 3.36" x 12.37")	
Weight	1Kg (2.2 lb)	
Ingress Protection	IP66	
Certifications	FCC (Class A)	CE (Class A)

Dimensions

Unit : mm (inch)



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.



SAMSUNG TECHWIN CO., LTD.

145-3, Sangdaewon 1-dong, Jungwon-gu, Seongnam-si, Gyeonggi-do Korea 462-703
Tel : +82-31-740-8151-8 Fax : +82-31-740-8145
www.samsungcctv.com

SAMSUNG TECHWIN AMERICA Inc.
1480 Charles Willard St, Carson, CA 90746, UNITED STATES
Tel Free : +1-877-213-1222 Fax : +1-310-632-2195
www.samsungcctvusa.com

SAMSUNG TECHWIN EUROPE CO., LTD.
Samsung House, 1000 Hillwood Drive, Hillwood Business Park
Chertsey, Surrey, UNITED KINGDOM KT16 OPS
Tel : +44-1932-45-5300 Fax : +44-1932-45-5325

TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONICS CO., LTD.
No.11 Wei 6 Street, Micro-Electronic Industrial Park
Jingang Road, Tianjin, P.R. CHINA 300385
Tel : +86-22-23887788 Fax : +86-22-23887788

■ DISTRIBUTED BY

