

SAMSUNG

WV

Easy Install, Excellent function

37x built-in housing camera



1/4" 37x High Resolution Weatherproof Camera

SCO-2370

The SCO-2370 provides various functions based on WV DSP engine. It offers powerful 37x optical zoom and 16x digital zoom. SSNR III, Samsung's original noise reduction technology makes it possible to provide clear and crisp image, and coaxial & RS-485 communication support easy control. It also certified IP68 standard and provides flexible application outside.

- Powerful 37x optical zoom (3.5~129.5mm)
- High resolution of 600 TV Lines
- Day & Night (ICR)
- SSNR III for digital noise reduction
- RS-485 & Coaxial Control

1/4" 37x High Resolution Weatherproof Camera

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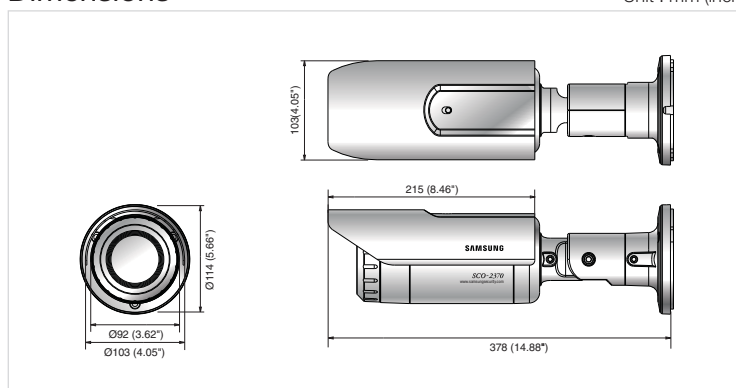


Specifications

	SCO-2370N	SCO-2370P
Video		
Imaging Device	1/4" Exview 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 : 600 TV lines, B/W : 700 TV lines	
Min. Illumination	Color : 0.2Lux @ F1.6 (50IRE), 0.0004 Lux (Sens-up, 512x) / B/W : 0.02 Lux @ F1.6 (50IRE), 0.00004 Lux (Sens-up, 512x)	
S / N Ratio	52dB (AGC off, Weight on)	
Video Output	CVBS : 1.0 Vp-p / 75 Ω composite	
Lens Type		
Focal Length (Zoom Ratio)	3.5~129.5mm (Optical 37x)	
Max. Aperture Ratio	1:1.6 (Wide) ~ 3.9 (Tele)	
Angular Field of View	H : 55.5°(Wide) ~ 1.59°(Tele) / V : 42.5°(Wide) ~ 1.19°(Tele)	
Min. Object Distance	1.5m	
Focus Control	Auto / Manual / One Push	
Zoom Movement Speed	2.8 sec (Wide to Tele)	
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) / Color / B/W	
Backlight Compensation	Off / BLC / HLC	
Contrast Enhancement	SSDR (Off/On)	
Digital Noise Reduction	SSNR (Off / Low / Medium / High)	
Digital Image Stabilization	Off / On	
Motion Detection	Off / On (8 programmable zones)	
Privacy Masking	Off / On (12 programmable zones)	
Sens-up (Frame Integration)	2x ~ 512x	
Gain Control	Off / Low / Medium / High / Manual	
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,700K° ~ 11,000K°)	
Electronic Shutter Speed	1/60 ~ 1/120,000 sec	1/50 ~ 1/120,000 sec
Digital Zoom	Off / On (1x ~ 16x)	
Flip / Mirror	Off / On	
Alarm	1 Out	
Communication	Coaxial Control (SPC-300 Compatible), RS-485	
Protocol	Coax : Pelco-C (Coaxitron) RS-485 : Samsung-T, Samsung-E, Pelco-D, Pelco-P, Panasonic, Bosch, Honeywell, Vicon, AD	
Environmental		
Operating Temperature / Humidity	-50°C ~ +50°C (-58°F ~ +122°F) / Less than 90% RH (AC 24V) -20°C ~ +50°C (-4°F ~ +122°F) / Less than 90% RH (DC 12V)	
Ingress Protection		
Electrical	IP68	
Input Voltage/Current	Dual (24VAC \pm 10% & 12VDC \pm 10%)	
Power Consumption	Max. 3.8W(DC12V), 4.8W(AC24V) / Max. 28W (Fan & Heater On, AC 24V)	
Mechanical		
Color / Material	Body : Dark Gray, Aluminum, Plastic	
Dimension (WxHxD)	103 x 114 x 378mm (4.06" x 4.49" x 14.88")	
Weight	1.95Kg (4.3 lb)	

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.



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