

# SCZ-2370

1/4" 37x High Resolution Zoom Camera

CAMERA



## Features

- 1/4" Super HAD color CCD
- Based on W-V, the latest generation of Winner DSP engine
- Powerful 37x optical zoom (3.5 ~ 129.5mm) and 16x digital zoom
- SSNRIII, Upgraded 2D/3D noise reduction technology
- Day & Night with ICR (Infrared Cutfilter Removal)
- High resolution of 600TV lines (Color), 680TV lines (B/W)
- Min. illumination of 0.2Lux@F1.67 (Color)  
0.02Lux@F1.67 (B/W)  
0.0004Lux@F1.67 (Color sens-up)
- Privacy masking with 12 user programmable zones
- SDDR (Samsung Super Dynamic Range)
- HLC (Highlight Compensation)
- DIS (Digital Image Stabilization)
- Motion detection
- Coaxial & RS-485 control
- 512x sens-up support
- Multi-language OSD
- S/N ratio of 52dB
- Dual voltage : 12V DC / 24V AC

## Technical Specifications

	SCZ-2370N	SCZ-2370P
<b>ELECTRICAL</b>		
Input Voltage	Dual (12V DC / 24V AC)	
Power Consumption	Max. 4.8W (Zoom, Focus, Day & Night motor operating at 12V DC / 24V AC)	
<b>VIDEO</b>		
Imaging Device	1/4" 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 / Progressive	
Synchronization	Internal / Line lock	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 600TV lines / B/W : 680TV lines	
Min. illumination	Color : 0.2Lux (50 IRE@F1.67), 0.0004Lux (Sens-up, 512x) B/W : 0.02Lux (50 IRE@F1.67)	
S / N (Y signal)	52dB	
Video Output	CVBS : 1.0Vp-p, 75Ω composite	
<b>LENS</b>		
Zoom Ratio	37x (Optical), 16x (Digital)	
Focal Length	3.5 ~ 129.5mm (F1.67 ~ 1.88)	
Max. Aperture Ratio	1 : 1.6(Wide) ~ 3.9(Tele)	
Min. Object Distance	1.5m (4.92ft)	
Angular Field of View	H : 55.5°(Wide) ~ 1.59°(Tele) / V : 42.5°(Wide) ~ 1.19°(Tele)	
Focus	Auto / Manual / One push	
Zoom Movement Speed	2.8sec	
Iris Control	Auto / Manual	
<b>OPERATIONAL</b>		
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	On / Off (Displayed 15 characters)	
Day & Night	Auto (ICR) / Color / B/W / EXT	
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 (SSNRIII)	On / Off	
Sens-up (Frame Integration)	Auto / Off (Selectable limit ~ 512x)	
Gain Control	Low / Medium / High / Manual / Off	
White Balance	AWC, Manual, Indoor, Outdoor, ATW (1,700°K ~ 11,000°K)	
Electronic Shutter Speed	ESC / FLK / Manual (1/60 ~ 1/120,000sec, 2x ~ 512x sec.)	ESC / FLK / Manual (1/50 ~ 1/120,000sec, 2x ~ 512x sec.)
Sharpness	On / Off (Level adjustable)	
Flip / Mirror	On / Off	
Communication	RS-485, Coaxial control	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 90% RH	
<b>MECHANICAL</b>		
Dimension (WxHxD)	DC type : 67.6 x 67.6 x 122.2mm (2.66" x 2.66" x 4.91") Dual type : 67.6 x 67.6 x 147.7mm (2.66" x 2.66" x 5.81")	
Weight	DC type : 415g (0.91 lb) / Dual type : 520g (1.15 lb)	
Option	Remote controller	
Certifications	FCC (Class A), UL/cUL listed	CE (Class A), UL/cUL listed

## Dimensions

Unit : mm (inch)

