

# 43x optical zoom, Industry's Most Powerful



43x High Resolution Zoom Camera

## SCZ-3430/2430

The SCZ-3430/2430 are powerful zoom cameras that allow accurate images with its 43x optical zoom. These zoom cameras feature 600TV lines of crystal clear video and excellent low light performance. In addition, there are advanced options including coaxial control, VPS(Virtual Progressive Scan) and Intelligent Motion Detection.

- High resolution of 600TV lines (Color), 700TV lines(B/W)
- Min. illumination 0.7Lux@F1.65 (Color) : SCZ-3430  
Min. illumination 0.2Lux@F1.65 (Color) : SCZ-2430
- Powerful 43x zoom (3.2 ~ 138.5mm), Digital 16x
- True Day/Night (ICR)
- WDR, VPS : SCZ-3430,
- Intelligent video, MD, DNR (3D+2D)
- Coaxial control (CCVC), RS-485
- Dual power, 24V AC & 12V DC

# 43x High Resolution Zoom Camera

## SCZ-3430/2430

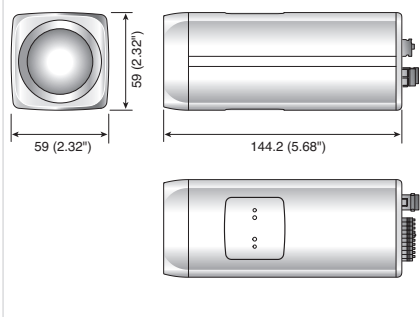


### Specifications

	SCZ-3430N/2430N	SCZ-3430P/2430P
<b>VIDEO</b>		
Imaging Device	1/4" Ex-view HAD CCD (Double scan) : SCZ-3430, 1/4" Super HAD CCD : SCZ-2430	
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 : 0.7Lux@F1.65 (50IRE), 0.001Lux (Sens-up, 512x) : SCZ-3430 0.2Lux@F1.65 (50IRE), 0.0004Lux (Sens-up, 512x) : SCZ-2430 B/W : 0.07Lux@F1.65 (50IRE), 0.0002Lux (Sens-up, 512x) : SCZ-3430 0.02Lux@F1.65 (50IRE), 0.00004Lux (Sens-up, 512x) : SCZ-2430	
S / N Ratio	52dB (AGC off, Weight on)	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
<b>LENS</b>		
Focal Length (Zoom Ratio)	3.2 ~ 138.5mm (Optical 43x)	
Max. Aperture Ratio	1: 1.65(Wide) ~ 3.7(Tele)	
Angular Field of View	H : 61.22°(Wide) ~ 1.47°(Tele) / V : 47.16°(Wide) ~ 1.1°(Tele)	
Min. Object Distance	1m (3.28ft)	
Focus Control	Auto / Manual / One AF	
Zoom Movement Speed	3.2sec (Wide to tele)	
<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	Off / On (Displayed 54 characters)	
Day & Night	Day / Night / Auto / Ext	
Backlight Compensation	Off / On (Area setting)	
Wide Dynamic Range	128x (52dB): SCZ-3430	160x (52dB): SCZ-3430
Contrast Enhancement	XDR (Off / Low / Mid / High)	
Digital Noise Reduction	Adaptive 3D+2D (Off / Low / Mid / High / User)	
Digital Image Stabilization	Off / On	
Motion Detection	Off / Tracking / Detection	
Privacy Masking	Off / On (12 programmable zones with polygonal masking)	
Sens-up (Frame Integration)	2x ~ 512x	
Gain Control	Off / On	
White Balance	ATW1 / ATW2 / AWC (Manual) / 3200K / 5600K	
Electronic Shutter Speed	1/60 ~ 1/120,000sec	1/50 ~ 1/120,000sec
Digital Zoom	Off / On (1x ~ 16x)	
Flip	Off / H / V / H/V	
Profile	Standard / ITS / Backlight / Day & Night / Gaming / Custom	
VPS	Off / On : SCZ-3430	
Intelligent Video	Fixed / Moved	
PIP	Off / On	
Schedule	Day / Time	
Alarm	1 Out	
Communication	Coaxial control, RS-485	
Protocol	Coax : CCVC RS-485 : Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH	
<b>ELECTRICAL</b>		
Input Voltage	Dual (24V AC & 12V DC ±10%)	Dual (24V AC & 12V DC ±10%)
Power Consumption	Max. 3.0W	
<b>MECHANICAL</b>		
Color / Material	Silver / Aluminum, Steel	
Dimensions (WxHxD)	59.0 x 59.0 x 154.2mm (2.32" x 2.32" x 6.07")	59.0 x 59.0 x 154.2mm (2.32" x 2.32" x 6.07")
Weight	564g (1.24 lb)	

### Dimensions

Unit : mm (inch)



### Accessories (Optional)



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