

# 43x

## Powerful Zooming



43x High Resolution Zoom Camera

# SCZ-3430/2430

The SCZ-3430 and SCZ-2430 are powerful zoom cameras that allow accurate capture with its 43x optical zoom. These zoom cameras feature 600TV lines of crystal clear images and minimum illumination of 0.7Lux/0.2Lux. In addition, there are advanced options including coaxial control, VPS(Virtual Progressive Scan) and WDR.

- Powerful 43x optical zoom (3.2 ~ 138.5mm)
- High resolution of 600TV lines (Color)
- Min. illumination of 0.7Lux/0.2Lux
- Intelligent video analytics, coaxial control
- VPS, WDR support(SCZ-3430)

# 43x High Resolution Zoom Camera

## SCZ-3430/2430

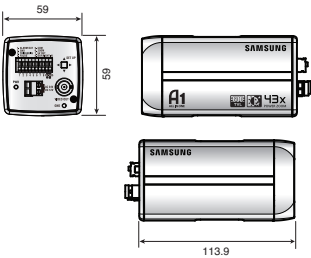


### Specifications

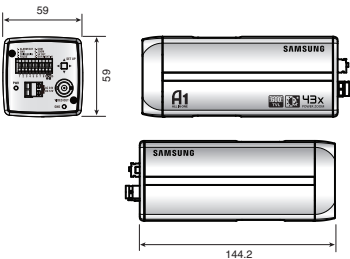
	SCZ-3430N/2430N	SCZ-3430ND/2430ND	SCZ-3430P/2430P	SCZ-3430PD/2430PD
<b>Electrical</b>				
Input Voltage	Dual (12V DC / 24V AC)	12V DC	Dual (12V DC / 24V AC)	12V DC
Power Consumption	Max 5.6W	Max 4.2W	Max 5.6W	Max 4.2W
<b>VIDEO</b>				
Imaging Device	1/4" Ex-view HAD PS CCD : SCZ-3430 / 1/4"super HAD 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 / Progressive			
Synchronization	Internal / Line lock	Internal	Internal / Line lock	Internal
Frequency	H : 15.734KHz / V : 59.94Hz		H : 15.625KHz / V : 50Hz	
Horizontal Resolution	Color : 600TV line(Min.) / B/W : 700TV line(Min.)			
Min. Illumination	SCZ-3430 : Color : 0.7Lux(50IRE@F1.65),0.001Lux(Sens-up, 512x), B/W : 0.07Lux(50IRE@F1.65) SCZ-2430 : Color : 0.2Lux(50IRE@F1.65),0.0004Lux(Sens-up, 512x), B/W : 0.02Lux(50IRE@F1.65)			
S / N (Y signal)	52dB (AGC off, Weight on)			
Video Output	CVBS : 1.0 Vp-p / 75Ω composite			
<b>LENS</b>				
Zoom Ratio	43x (Optical), 16x (Digital)			
Focal Length	3.2 ~ 138.5mm (F1.65 ~ 3.7)			
Max. Aperture Ratio	1 : 1.65(Wide) ~3.7(Tele)			
Min. Object Distance	100cm (3.28ft)			
Angular Field of View	H : 61.22°(Wide) ~ 1.47°(Tele) / V : 47.16°(Wide) ~ 1.1°(Tele)			
Focus	Auto / Manual / One AF			
<b>OPERATIONAL</b>				
On Screen Display	English, Japanese, Spanish French, Portuguese, Taiwanese, Korean		English, Japanese, German, Spanish, Italian, Chinese Russian, Polish, Czech, Danish, Turkish	
Camera Title	On / Off (Max. 54ea / 2 lines)			
Day & Night	Auto (ICR) / Extern / Color / B/W			
Motion Detection	Sensitivity 1 ~ 7 level			
Wide Dynamic Range	128x : SCZ-3430		160x : SCZ-3430	
Digital Image Stabilization	On/Off			
Backlight Compensation	BLC (On / Off) / WDR (SCZ-3430)			
Extended Dynamic Range	Low / Medium / High / Off			
Digital Image Stabilization Protocol	On / Off			
Privacy Masking	On / Off (12 polygonal programmable zones)			
2D+3D Noise Filter (A1)	Off / Very low / Low / Medium / High / Very high / User / Fix			
Sens-up (Frame Integration)	On / Off (Selectable limit ~ 512x)			
White Balance	ATW1 / ATW2 / AWC (Manual) / 3200°K / 5600°K			
Electronic Shutter Speed	1/60~1/10,000sec		1/50~1/10,000sec	
Digital Zoom	On / Off (2x ~ 16x)			
AGC	On / Off (Very Low / Low / Medium / High / Very High / User / Fix)			
PIP	On / Off			
Schedule	Day / Time schedule			
Communication	RS-485, Coaxial control			
Protocol	Samsung-T, Samsung-E, Pelco-D, Pelco-P, Bosch, Honeywell, Vicon, Panasonic, AD, GE			
<b>ENVIRONMENTAL</b>				
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / Less than 90%			
<b>MECHANICAL</b>				
Dimension (WxHxD)	59 x 59 x 144.2mm (2.32" x 2.32" x 5.68")	59 x 59 x 113.9mm (2.32" x 2.32" x 4.48")	59 x 59 x 144.2mm (2.32" x 2.32" x 5.68")	59 x 59 x 113.9mm (2.32" x 2.32" x 4.48")
Weight	508g (1.12 lb)	383g (0.83 lb)	508g (1.12 lb)	383g (0.83 lb)
Certifications	FCC (Class A), UL/cUL listed		CE (Class A)	

### Dimensions

Unit : mm (inch)



SCZ-3430/2430(DC Voltage)



SCZ-3430/2430(Dual Voltage)



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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