

# SCZ-3430/2430



1/4" 43x High Resolution Zoom Camera



## Key Features

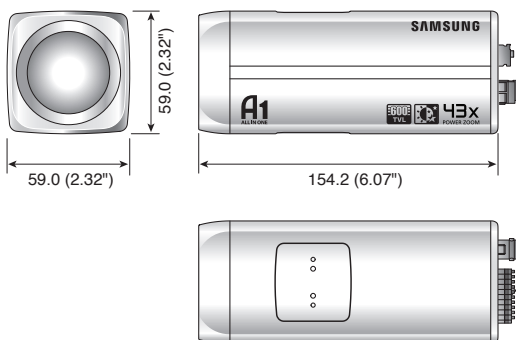
- High resolution of 600TV lines (Color), 700TV lines(B/W)
- Min. illumination 0.7Lux@F1.65 (Color), 0.07Lux (B/W) : SCZ-3430  
Min. illumination 0.2Lux@F1.65 (Color), 0.02Lux (B/W) : SCZ-2430
- Powerful 43x zoom (3.2 ~ 138.5mm), Digital 16x
- WDR, VPS : SCZ-3430, True Day / Night (ICR), Intelligent video, MD, DNR (3D+2D)
- Coaxial control (CCVC), RS-485
- Dual power, 24V AC & 12V DC

## Accessories (optional):



## Dimensions

Unit : mm (inch)



## Technical 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)	564g (1.24 lb)