

# Wise Choice of 25x Zoom



## 1/4" 25x High Resolution WDR Zoom Camera SCZ-3250/2250

The SCZ-3250/2250 is a zoom box camera with 25x built-in zoom. It features A1 chipset developed in house by Samsung Techwin and delivers advanced functions including 600 TV Lines high resolution, SSNR III which eliminates noise in low light condition, and VPS. Both SCZ-3250/2250 have day & night function (ICR) and SCZ-3250 provides WDR function.

- Powerful 25x optical zoom (3.6~91mm)
- High resolution of 600 TV Lines
- Day & Night (ICR)
- WDR (SCZ-3250)
- Intelligent video analytics (Moved/Fixed)

# 1/4" 25x High Resolution WDR Zoom Camera

# SCZ-3250/2250

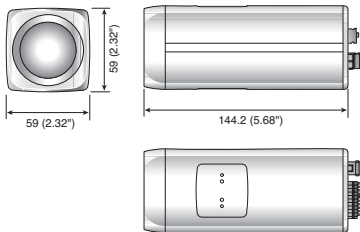


## Specifications

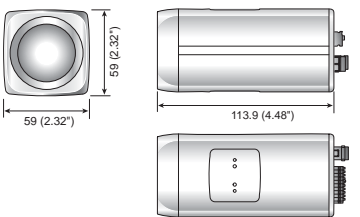
	SCZ-3250N/2250N	SCZ-3250ND/2250ND	SCZ-3250P/2250P	SCZ-3250PD/2250PD
<b>ELECTRICAL</b>				
Input Voltage	Dual (12V DC / 24V AC)	12V DC	Dual (12V DC / 24V AC)	12V DC
Power Consumption	Max. 5.6W	Max. 4.2W	Max. 5.6W	Max. 4.2W
<b>VIDEO</b>				
Imaging Device	SCZ-3250 : 1/4" Ex-view HAD PS CCD, SCZ-2250 : 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	Internal	Internal / Line lock	Internal
Frequency	H : 15.734KHz / V : 59.94Hz		H : 15.625KHz / V : 50Hz	
Horizontal Resolution	Color : 600TV lines (Min.) / B/W : 700TV lines (Min.)			
Min. Illumination	SCZ-3250 : Color : 0.7Lux(50IRE@F1.65), 0.001Lux (Sens-up, 512x), B/W : 0.07Lux (50IRE@F1.65) SCZ-2250 : 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	25x (Optical), 16x (Digital)			
Focal Length	3.6 ~ 91mm (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 : 55.32°(Wide) ~ 2.25°(Tele) / V : 42.1°(Wide) ~ 1.696°(Tele)			
Focus	Auto / Manual / One AF			
Lens Drive Type	DC Auto Iris			
<b>OPERATIONAL</b>				
On Screen Display	English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean		English, French, 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-3250		160x : SCZ-3250	
Digital Noise Reduction	On / Off			
Backlight Compensation	BLC (On / Off) / WDR (SCZ-3250)			
eXtended Dynamic Range	Low / Medium / High / Off			
Digital Image Stabilization	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	1/60~1/10,000 sec		1/50~1/10,000 sec	
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			
<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	59 x 59 x 113.9mm	59 x 59 x 144.2mm	59 x 59 x 113.9mm
Weight	508g (1.12 lb)	383g (0.83 lb)	508g (1.12 lb)	383g (0.83 lb)
LED Indicator	Built-in			
Certifications	FCC (Class A), UL/cUL listed		CE (Class A)	

## Dimensions

Unit : mm (inch)



SCP-3250N/2250N/3250P/2250P



SCP-3250ND/2250ND/3250PD/2250PD



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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