

# 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 $\neq$ † 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

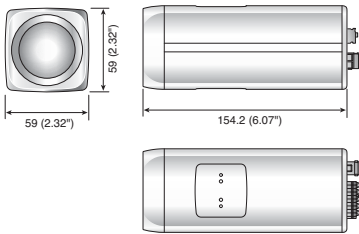


## Specifications

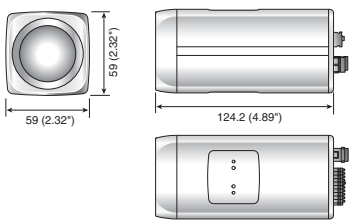
	SCZ-3250N/2250N	SCZ-3250ND/2250ND	SCZ-3250P/2250P	SCZ-3250PD/2250PD
<b>VIDEO</b>				
Imaging Device	1/4" Ex-view HAD CCD (Double scan) : SCZ-3250, 1/4" Super HAD CCD II : SCZ-2250			
Total Pixels	811(H) x 508(V)		795(H) x 596(V)	
Effective Pixels	768(H) x 494(V)		752(H) x 582(V)	
Scanning System	2 : 1 Interlace			
Synchronization	Internal / Line lock	Internal	Internal / Line lock	Internal
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-3250 0.2Lux@F1.65 (50IRE), 0.0004Lux (Sens-up, 512x) : SCZ-2250 B/W : 0.07Lux@F1.65 (50IRE), 0.0002Lux (Sens-up, 512x) : SCZ-3250 0.02Lux@F1.65 (50IRE), 0.00004Lux (Sens-up, 512x) : SCZ-2250			
S / N Ratio	52dB (AGC off, Weight on)			
Video Output	CVBS : 1.0 Vp-p / 75Ω composite			
<b>LENS</b>				
Focal Length (Zoom Ratio)	3.66 ~ 91.36mm (Optical 25x)			
Max. Aperture Ratio	1 : 1.65(Wide) ~ 3.0(Tele)			
Angular Field of View	H : 54.95°(Wide) ~ 2.24°(Tele) / V : 41.83°(Wide) ~ 1.68°(Tele)			
Min. Object Distance	1m (3.28ft)			
Focus Control	Auto / Manual / One AF			
Zoom Movement Speed	2.9sec (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 : SCZ-3250		160x : SCZ-3250	
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 / Reverse	Off / On (1x ~ 16x) / Off / H / V / H/V			
Profile	Standard / ITS / Backlight / Day & Night / Gaming / Custom			
VPS / Intelligent Video	Off / On : SCZ-3250 / Fixed / Moved			
PIP	Off / On			
Schedule	Day / Time			
Alarm	1 Out			
Communication	Coaxial control (SPC-300 compatible), 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 / Current	Dual (24V AC & 12V DC ±10%)	12V DC ±10%	Dual (24V AC & 12V DC ±10%)	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 124.2mm (2.32" x 2.32" x 4.89")	59.0 x 59.0 x 154.2mm (2.32" x 2.32" x 6.07")	59.0 x 59.0 x 124.2mm (2.32" x 2.32" x 4.89")
Weight	564g (1.24 lb)	421g (0.93 lb)	564g (1.24 lb)	421g (0.93 lb)

## Dimensions

Unit : mm (inch)



SCZ-3250N/2250N/3250P/2250P



SCZ-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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