

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[†] 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

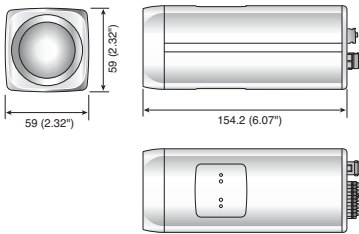


Specifications

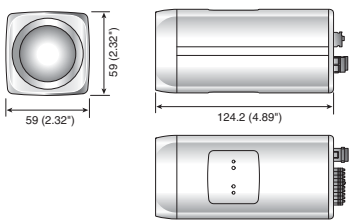
	SCZ-3250N/2250N	SCZ-3250ND/2250ND	SCZ-3250P/2250P	SCZ-3250PD/2250PD
VIDEO				
Imaging Device	1/4" Ex-view HAD CCD (Double scan) : SCZ-3250, 1/4" Super HAD CCD II : SCZ-2250			
Total Pixels	811(H) x 508(V)		795(H) x 596(V)	
Effective Pixels	768(H) x 494(V)		752(H) x 582(V)	
Scanning System	2 : 1 Interlace			
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			
LENS				
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)			
OPERATIONAL				
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			
ENVIRONMENTAL				
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH			
ELECTRICAL				
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			
MECHANICAL				
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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