

Surveillance that Never Sleeps



High Resolution Day & Night Camera

SDN-550

- Day & Night with ICR
- High resolution of 530TV lines
- As low as 0.002Lux sensitivity
- SSNR noise reduction technology takes less DVR space
- Unique BLC function : Spotlight BLC



High Resolution Day & Night Camera

SDN-550

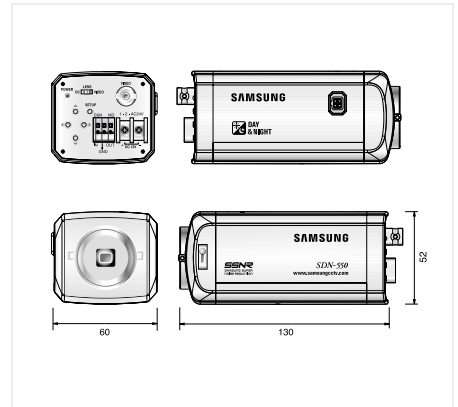


Specifications

Mode	SDN-550N	SDN-550P	SDN-550PH
Power Source	24V AC ($\pm 10\%$), 12V DC ($\pm 10\%$)		230V AC ($\pm 10\%$)
Power Consumption	Max. 3.5W		Max. 4.0W
Total Pixels	811(H) x 508(V)	795(H) x 596(V)	
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)	
Image Pick-up Device	1/3" Super HAD CCD		
Scanning System	2 : 1 Interlace		
Scanning Frequency	15.734KHz(H) / 59.94Hz(V)	15.625KHz(H) / 50.00Hz(V)	
Synchronization	Internal / Line lock		
Resolution	530TV lines (Color), 570TV line (B/W)		
Video Output	1.0Vp-p/75 Ω (Video : 0.714Vp-p, Sync : 0.286Vp-p)	1.0Vp-p/75 Ω (Video : 0.7Vp-p, Sync : 0.3Vp-p)	
S/N (Y signal)	50dB		
Min. Illumination	Color : 0.3Lux @ F1.2, 0.002Lux (Sens-up) / B/W : 0.01Lux @ F1.2		
Day & Night	Color, B/W, Auto (Filter auto change), EXT (External Day & Night Mode Control Capability via Terminal on the Back Panel)		
BLC	Low / Middle / High / Spotlight / Off selectable		
Gain Control	Normal / High / Off selectable		
SSNR	Low / Middle / High / Off selectable		
White Balance	ATW (1,800K~10,500K) / AWC / Manual		
Electronic Shutter Speed	Auto (1/60sec~1/120,000sec) Manual : (128X ~ 2X, 1/60 ~ 1/120K)	Auto (1/50sec~1/120,000sec) Manual : (128X ~ 2X, 1/50 ~ 1/120K)	
Sens-up	Auto / Off (Selectable limit 2X ~ 128X)		
OSD	Built-in		
Motion Detection	On / Off (3 Programmable zone)		
Privacy Function	On / Off (4 Programmable zone)		
Mirror	On / Off (Horizontal image inversion)		
IRIS Control	Control DC / Video IRIS lens		
Sharpness	On / Off (Level adjustable)		
Digital Zoom	On / Off (2X ~ 10X)		
Lens Mount	CS Mount (Easy focus type) / C Mount is mountable by using adaptor		
Operating	Temperature	0°C ~ +50°C	
	Humidity	30% ~ 80% RH	
Dimension	60(W) x 52(H) x 130(D)mm		
Weight	350g	510g(with power cable)	

Dimensions

Unit : mm



Rear Panel



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.

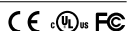


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