

High performance 650 TV Lines Camera



Premium Resolution Varifocal Dome Camera

SCD-2081

The SCD-2081 provides 650 TV lines of high resolution and comes with exceptional features from Samsung Techwin's SV5 DSP chipset. The high functionalities includes SSNR^{III} (Samsung Super Noise Reduction), SSDR (Samsung Super Dynamic Range), HLC (Highlight Compensation), and DIS (Digital Image Stabilization) to produce unmatched video quality.

With low light levels of 0.1lux, it delivers clear images even at night. In addition, its 3.9x varifocal lens provides maximum flexibility for installation. In addition there are built-in coaxial control compatibility, MD and SSNR^{III} function for improved performance.

- High Resolution of 650TV Lines
- Min. Illumination 0.1Lux @F1.2 (Color), 0.01 Lux (B/W)
- 3.9x V/F Lens(2.8~11mm), Day & Night (ICR), MD
- SSNR^{III} (3D+2D), Coaxial Control, Dual power

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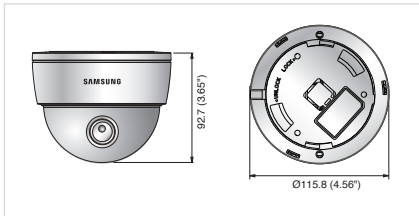


Specifications

	SCD-2081N	SCD-2081P
VIDEO		
Imaging Device	1/3" Super HAD CCD II	
Total Pixels	1,028(H) x 508(V)	1,028(H) x 596(V)
Effective Pixels	976(H) x 494(V)	976(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 : 650TV lines, B/W : 700TV lines	
Min. Illumination	Color : 0.1Lux(50IRE@F1.2), 0.0002Lux (Sens-up, x512) B/W : 0.01Lux(50IRE@F1.2), 0.00002Lux (Sens-up, x512)	
S / N Ratio	52dB (AGC off, Weight on)	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
LENS		
Focal Length (Zoom Ratio)	2.8 ~ 11mm (3.9x)	
Max. Aperture Ratio	1 : 1.2(Wide) ~ 2.8(Tele)	
Angular Field of View	H : 94°(Wide) ~ 26°(Tele) / V : 67°(Wide) ~ 20°(Tele)	
Min. Object Distance	0.2m (0.66ft)	
Lens Type	DC auto iris	
Mount Type	Board type	
PAN / TILT		
Pan Range	0° ~ 352°	
Tilt Range	0° ~ 73°	
Rotate Range	0° ~ 348°	
OPERATIONAL		
On Screen Display	English, Japanese, Spanish, French, Portuguese, Korean	English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese
Camera Title	Off / On (Displayed 15 characters)	
Day & Night	Auto (ICR) / External / Color / B/W	
Backlight Compensation	Off / User BLC / HLC / SDDR	
Contrast Enhancement	SSDR	
Digital Noise Reduction	SSNRIII (Off / On)	
Digital Image Stabilization	Off / On	
Motion Detection	Off / On (8 programmable zones)	
Privacy Masking	Off / On (12 programmable zones)	
Sens-up (Frame Integration)	2x ~ 512x	
Gain Control	Off / Low / High	
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,700K° ~ 11,000K°)	
Electronic Shutter Speed	1/60 ~ 1/120,000sec	1/50 ~ 1/120,000sec
Digital Zoom	Off / On (1x ~ 16x)	
Reverse	Off / H-Rev / V-Rev / HV-Rev	
Profile	Basic / Day & Night / Backlight / ITS / Indoor / User	
PIP	Off / On	
Alarm	1 Out	
Communication	Coaxial control (SPC-300 compatible)	
Protocol	Coax : Pelco-C (Coaxitron)	
ENVIRONMENTAL		
Operating Temperature/Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH	
ELECTRICAL		
Input Voltage / Current	Dual (24VAC ±10% & 12VDC ±10%)	
Power Consumption	Max. 3.5W	
MECHANICAL		
Color / Material	Ivory / Plastic (Dome cover : Clear)	
Dimensions (WxH)	Ø115.8 x 92.7mm (Ø4.56" x 3.65")	
Weight	365g (0.81lb)	

Dimensions

Unit : mm (inch)



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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