

# High performance 650 TV Lines Camera



Premium Resolution Varifocal Dome Camera

## SCD-2081

The SCD-2081 is another great addition to Samsung's High Resolution Analog Dome Camera Line. This camera features a 2.8 - 11mm (3.9x) varifocal lens integrated to a three-axis mount, and utilizes the finest imaging sensor to provide a 650TVL picture quality. In addition, features such as True Day Night (ICR filter), Samsung Super Dynamic Range (SSDR), and Back Light Control (BLC) come together to augment Samsung's legendary low light performance. This camera is versatile, offering Digital Image Stabilization, Motion Detection, and several White Balance controls. Six different user profiles can be set for varying conditions, and the camera supports Coaxitron control over coaxial cable. Installation is easy thanks to dual voltage power support, and compatibility with C/CS mount types.

- 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

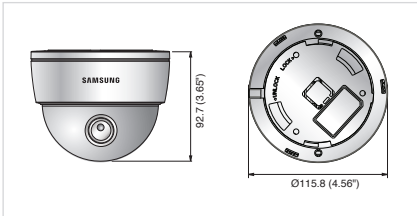
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## Dimensions

Unit : mm (inch)



## Specifications

	SCD-2081N	SCD-2081P
<b>VIDEO</b>		
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	
<b>LENS</b>		
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	
<b>PAN / TILT</b>		
Pan Range	0° ~ 352°	
Tilt Range	0° ~ 73°	
Rotate Range	0° ~ 348°	
<b>OPERATIONAL</b>		
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)	
<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 (24VAC ±10% & 12VDC ±10%)	
Power Consumption	Max. 3.5W	
<b>MECHANICAL</b>		
Color / Material	Ivory / Plastic (Dome cover : Clear)	
Dimensions (WxH)	Ø115.8 x 92.7mm (Ø4.56" x 3.65")	
Weight	365g (0.81lb)	



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