

SUD-2080/2080F

1/3" High Resolution Vari-focal UTP Dome Camera



SUD-2080

SUD-2080F



Key Features

- High resolution of 600TV lines (Color), 700TV lines (B/W)
- Min. illumination 0.15Lux@F1.2 (Color), 0.001Lux (B/W)
- 3.6x V/F lens (2.8 ~ 10mm)
- True Day / Night (ICR), MD, SSNRIII (3D+2D)
- Built-in UTP TX, Coaxial control (Pelco-C)
- Dual power, 24V AC & 12V DC, also operates at 28V AC $\pm 10\%$

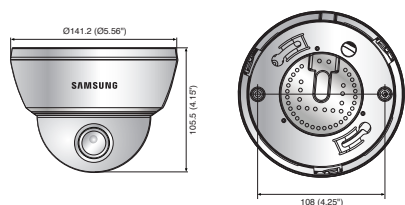
UTP Accessories

4CH UTP Power Supply Hub
SPU-4001CH UTP Transceiver
SPU-100TR4CH UTP Receiver
SPU-400R

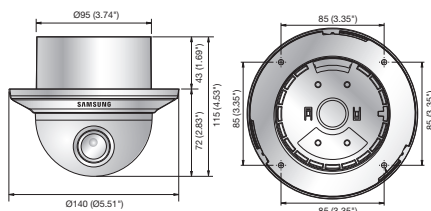
Dimensions

Unit : mm (inch)

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Technical Specifications

	SUD-2080N/2080FN	SUD-2080P/2080FP
VIDEO		
Imaging Device	1/3" Super HAD CCD	
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	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 600TV lines, B/W : 700TV lines	
Min. Illumination	Color : 0.15Lux@F1.2 (50IRE), 0.0003Lux (Sens-up, 512x) B/W : 0.001Lux@F1.2 (50IRE), 0.000002Lux (Sens-up, 512x)	
S / N Ratio	52dB (AGC off, Weight on)	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
UTP Output	Built-in UTP TX [Maximum transmission length 900m (3000ft)] : Balanced differential signal 100Ω	
LENS		
Focal Length (Zoom Ratio)	2.8 ~ 10mm (3.6x)	
Max. Aperture Ratio	1 : 1.2(Wide) ~ 2.8(Tele)	
Angular Field of View	H : 94.4°(Wide) ~ 28°(Tele) / V : 69.2°(Wide) ~ 21°(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, Taiwanese, 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) / Color / B/W	
Backlight Compensation	BLC / HLC / Off	
Contrast Enhancement	SSDR (Off / On)	
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)	
Flip	Vertical / Horizontal	
Communication	Coaxial control, RS-485	
Protocol	Coax : Pelco-C (Coaxitron) 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	28V AC ±10%, 24V AC, 12V DC±10%	
Power Consumption	Max. 3.5W	
MECHANICAL		
Color / Material	Ivory, Plastic	
Dome Cover	Clear	
Dimensions (WxH)	Ø141.2 x 105.5mm (Ø5.56" x 4.15") : SUD-2080, Ø140.0 x 115.0mm (Ø5.51" x 4.53") : SUD-2080F	
Weight	520g (1.15 lb) : SUD-2080, 435g (0.96 lb) : SUD-2080F	