SAMSUNG

WV

Shine Through the Darkness

Ultra Low Light Levels of **0 Lux!**

High Resolution IR LED Vandal-Resistant Dome Camera

SCV-2080R

- IR vandal-resistant dome camera with a horizontal resolution of 600 TV lines
- Visibility of 30m (high performance black IR LED)
- 3.6X varifocal lens (2.8 ~ 10mm)
- Dustproof and waterproof (IP66)
- OSD menu access via coaxial telemetry

2009 PSI PREMIER AWARDS
CCTV MANUFACTURER OF THE YEAR
SAMSUNG TECHWIN

High Resolution IR LED Vandal-Resistant Dome Camera

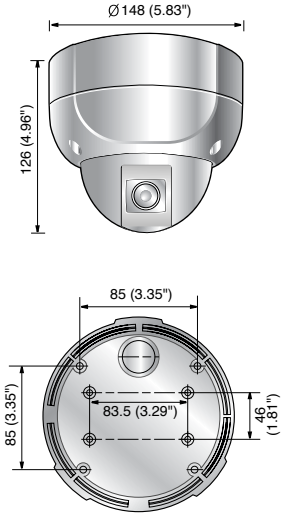
SCV-2080R

Specifications

	SCV-2080RVN	SCV-2080RVP
ELECTRICAL		
Input Voltage	Dual (12V DC/ 24V AC)	
Power Consumption	Max. 5.5W (LED On), Max. 15W (Heater On, Option)	
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 (Min.) / B/W : 700TV lines (Min.)	
Min. Illumination	Color : 0.15Lux (50IRE@F1.2), 0.0003Lux (Sens-up, 512X) B/W : 0Lux (LED on)	
S / N (Y signal)	52dB	
Video Output	CVBS : 1.0Vp-p / 75	
LENS		
Zoom Ratio	3.6X (Manual)	
Focal Length	2.8 ~ 10mm (F1.2)	
Max. Aperture Ratio	1 : 1.2(Wide) ~ 2.8(Tele)	
Min. Object Distance	0.2m (0.66ft)	
Angular Field of View	H : 94.4°(Wide) ~ 28°(Tele) / V : 69.2°(Wide) ~ 21°(Tele)	
Focus	Auto / Manual / One-push	
Iris Control	Auto / Manual	
PAN / TILT / ROTATE		
Pan Range	0° ~ 340°	
Tilt Range	0° ~ 146°	
Rotate Range	0° ~ 340°	
OPERATIONAL		
On Screen Display	Korea, English, Japanese, Spanish, French, Portuguese	English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech
Camera Title	On / Off (Displayed 15 characters)	
Day & Night	Auto (ICR) / Color / B/W	
SSDR	On / Off (Level adjustable)	
Backlight Compensation	BLC / HLC / Off	
Motion Detection	On / Off	
Digital Image Stabilization	On / Off	
Privacy Masking	On / Off (8 Programmable zones)	
2D+3D Noise Filter (SSNRIII)	On / Off	
Sens-up (Frame Integration)	Auto / Off (Selectable limit ~ 512X)	
Gain Control	Low / High / Off	
White Balance	ATW / AWC / Manual / Indoor / Outdoor	
Electronic Shutter Speed	Fixed (1/60 / Flickerless)	Fixed (1/50 / Flickerless)
Flip / Mirror	On / Off	
Communication	Coaxial (Protocol : Pelco Coaxitron), RS-485	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C / 20% ~ 80% RH	
Storage Temperature / Humidity	-20°C ~ +60°C / 20% ~ 95% RH	
MECHANICAL		
Dimension (WxH)	Ø148 x 126mm (Ø5.83" x 4.96")	
Weight	1.3Kg (2.87 lb)	
IR LED	10EA	
IR Distance	30m (98.4ft)	
Ingress Protection	IP66	
Certifications	FCC (Class A), UL/cUL listed	CE (Class A)

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.

Accessories

Pendant Mount

STB-319VPW

Wall Mount

STB-249VPW

STB-225VW

STB-275VW

Corner Mount

STB-250VCW

Design and specifications are subject to change without notice.

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