

# SCV-3080/2080

High Resolution Vandal-Resistant Dome Camera

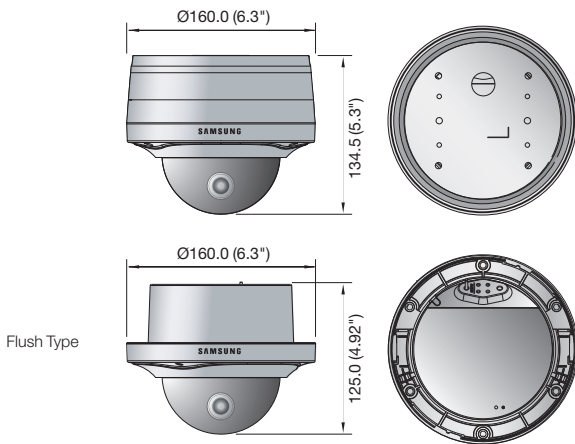


## Key Features

- High resolution of 600TV lines (Color), 700TV lines (B/W)
- Min. illumination 0.3Lux@F1.2 (Color), 0.01Lux (B/W) : SCV-3080  
0.15Lux@F1.2 (Color), 0.001Lux (B/W) : SCV-2080
- 3.9x varifocal lens (2.8 ~ 11mm) : SCV-3080  
3.6x varifocal lens (2.8 ~ 10mm) : SCV-2080
- WDR, VPS, Intelligent video analytics : SCV-3080
- True Day & Night (ICR), MD, SSSNR III
- IP66, IK10, Coax : Pelco-C (Coaxitron), Dual power

## Dimensions

Unit : mm (inch)



Flush Type

## Accessories (Optional)



SBP-301HM3 SBP-300LM SBP-300CM SBP-300WM1 SBP-300WM SBP-300B SBP-300PM SBP-300KM

	SCV-3080N/2080N	SCV-3080P/2080P
<b>VIDEO</b>		
Imaging Device	1/3" Super HAD CCD (Double scan) : SCV-3080, 1/3" Super HAD CCD II : SCV-2080	
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 : 0.3Lux@ F1.2 (50IRE), 0.0006Lux (Sens-up, 512x) : SCV-3080 0.15Lux@ F1.2 (50IRE), 0.0003Lux (Sens-up, 512x) : SCV-2080 B/W : 0.01Lux@ F1.2 (50IRE), 0.00002Lux (Sens-up, 512x) : SCV-3080 0.001Lux@ F1.2 (50IRE), 0.000002Lux (Sens-up, 512x) : SCV-2080	
S / N Ratio	52dB (AGC off, Weight on)	
Video Output	CVBS : 1.0 Vpp / 75Ω composite	
<b>LENS</b>		
Focal Length (Zoom Ratio)	2.8 ~ 11mm (3.9x) varifocal : SCV-3080, 2.8 ~ 10mm (3.6x) varifocal : SCV-2080	
Max. Aperture Ratio	1 : 1.2(Wide) ~ 2.8(Tele)	
Angular Field of View	H : 102°(Wide) ~ 28°(Tele) / V : 73°(Wide) ~ 21°(Tele) : SCV-3080 H : 94.4°(Wide) ~ 28°(Tele) / V : 69.2°(Wide) ~ 21°(Tele) : SCV-2080	
Min. Object Distance	0.2m (0.66ft)	
Lens Type	DC auto iris	
Mount Type	Board type	
<b>PAN / TILT / ROTATE</b>		
Pan Range	0° ~ 355°	
Tilt Range	0° ~ 90°	
Rotate Range	0° ~ 355°	
<b>OPERATIONAL</b>		
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) / External / Color / B/W : SCV-3080, Auto (ICR) / Color / B/W : SCV-2080	
Backlight Compensation	Off / User BLC / HLC / WDR : SCV-3080, Off / BLC / HLC : SCV-2080	
Wide Dynamic Range	52dB : SCV-3080	54dB : SCV-2080
Contrast Enhancement	SSDR (Off / On)	
Digital Noise Reduction	SSNR III (Off / On)	
Digital Image Stabilization	Off / On	
Motion Detection	Off / On	
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 (1,700°K ~ 11,000°K)	
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 : SCV-3080, H-Rev / V-Rev : SCV-2080	
Profile	Basic / Day & Night / Backlight / ITS / Indoor / User : SCV-3080	
VPS	Off / On : SCV-3080	
Intelligent Video Analytics	Fixed / Moved, Area, Fence, Tracking, Counting : SCV-3080	
PIP	Off / On : SCV-3080	
Alarm	1 Out : SCV-3080	
Communication	Coaxial control (SPC-300 compatible)	
Protocol	Coax : Pelco-C (Coaxitron)	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-50°C ~ +55°C (-58°F ~ +131°F) / Less than 90% RH	
Ingress Protection	IP66	
Vandal Resistance	IK10	
<b>ELECTRICAL</b>		
Input Voltage / Current	Dual (24V AC & 12V DC ±10%), Built-in fan & heater (24V AC ±10%)	
Power Consumption	Max. 3.8W / Max. 8W (Fan & heater on) : SCV-3080 Max. 4.0W / Max. 8.3W (Fan & heater on) : SCV-2080	
<b>MECHANICAL</b>		
Color / Material	Ivory / Aluminum, Plastic (Dome cover) : Clear	
Dimensions (WxH)	Ø160.0 x 134.5mm (Ø6.3" x 5.3")	
Weight	1.26Kg (2.78 lb)	

\* The latest product information / specification can be found at [www.samsungsecurity.com](http://www.samsungsecurity.com)