



High Resolution &  
Compact Design



High Resolution Dome Camera

# SCD-2020/2040



- Supreme color image quality at 600TV lines resolution
- Excellent sensitivity (0.15Lux)
- 3-Axis mechanical design (Indoor)
- SSNRIII (Samsung Super Noise Reduction)
- Coaxial OSD control

# High Resolution Dome Camera

# SCD-2020/2040

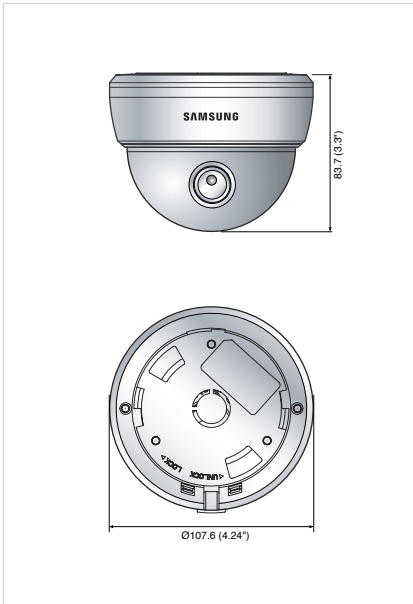


## Specifications

	SCD-2020N	SCD-2020P	SCD-2040N	SCD-2040P
<b>ELECTRICAL</b>				
Input Voltage	Dual (12V DC/ 24V AC)			
Power Consumption	Max. 3.5W			
<b>VIDEO</b>				
Imaging Device	1/3" Super HAD CCD			
Total Pixels	811(H) x 508(V)	795(H) x 596(V)	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)	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	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	600TV lines (Min.)			
Min. Illumination	Color : 0.15Lux (50 IRE@F1.2), 0.0003Lux (Sens-up, 512x)			
S / N (Y signal)	52dB			
Video Output	CVBS : 1.0Vp-p / 75Ω composite			
<b>LENS</b>				
Zoom Ratio	Fixed			
Focal Length	3.7mm		8mm	
Max. Aperture Ratio	F2.0			
Min. Object Distance	0.4m (1.31ft)			
Angular Field of View	H : 71°, V : 52°		H : 33°, V : 25°	
<b>PAN / TILT / ROTATE</b>				
Pan Range	0° ~ 352°			
Tilt Range	0° ~ 75°			
Rotate Range	0° ~ 348°			
<b>OPERATIONAL</b>				
On Screen Display	English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean	English, Chinese, German, Italian, French, Spanish, Russian, Czech, Polish, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese	English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean	English, Chinese, German, Italian, French, Spanish, Russian, Czech, Polish, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese
Camera Title	On / Off (Displayed 15 characters)			
Day & Night	Auto (Electrical) / Color / B/W			
SSDR	On / Off (Level adjustable)			
Backlight Compensation	BLC / HLC / Off			
Motion Detection	On / Off (8 programmable zones)			
Digital Image Stabilization	On / Off			
Privacy Masking	On / Off (12 Programmable zones)			
2D+3D Noise Filter (SSNR III)	On / Off			
Sens-up (Frame Integration)	Auto / Off (Selectable 2x ~ 512x)			
Gain Control	Low / High / Off			
White Balance	ATW / AWC / Manual / Indoor / Outdoor			
Electronic Shutter Speed	ATW / Outdoor / Indoor / Manual / AWC (1,700K° ~ 11,000K°)			
Communication	Coaxial Control			
Flip / Mirror	On / Off			
<b>ENVIRONMENTAL</b>				
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F)			
Operating Humidity	30% ~ 90% RH			
<b>MECHANICAL</b>				
Dimension (WxH)	Ø107.6 x 83.7mm (Ø4.24" x 3.3")			
Weight	285g (0.63 lb)			
Certifications	FCC (Class A), UL/cUL listed	CE (Class A), UL/cUL listed	FCC (Class A), UL/cUL listed	CE (Class A), UL/cUL listed

## 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.



### SAMSUNG TECHWIN CO., LTD.

145-3, Sangdaewon 1-dong, Jungwon-gu, Seongnam-si, Gyeonggi-do Korea 462-703  
Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745  
www.samsungcctv.com www.samsungsecurity.com

SAMSUNG TECHWIN AMERICA Inc.  
1480 Charles Willard St, Carson, CA 90746, UNITED STATES  
Tel Free : +1-877-213-1222 Fax : +1-310-632-2195  
www.samsungcctvusa.com

SAMSUNG TECHWIN EUROPE LTD.  
Samsung House, 1000 Hillwood Drive, Hillwood Business Park  
Chertsey, Surrey, UNITED KINGDOM KT16 0PS  
Tel : +44-1932-45-5300 Fax : +44-1932-45-5325

TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONICS CO., LTD.  
No.11 Wei 6 Street, Micro-Electronic Industrial Park  
Jingang Road, Tianjin, P.R. CHINA 300385  
Tel : +86-22-23887788 Fax : +86-22-23887788

■ DISTRIBUTED BY

