



12x
High Impact
Vandal-Resistant



12x WDR Vandal-Resistant Dome Camera

SCV-3120

The SCV-3120 vandal-resistant dome camera features the A1 chipset to deliver advanced functions such as 600TV lines color resolution, VPS, SSSDR and SSNR III which eliminates noise even in low light conditions. With a 12x optical zoom, it captures clear and accurate images of far distant objects and its aluminum die-cast chassis supports high durability under high impact.



- High resolution of 600TV lines
- Low light illumination of 0.7Lux(Color)
- 12x optical zoom(3.6~44.3mm)
- Two types of installation(flush or surface mount)
- VPS, WDR, coaxial control support
- Intelligent video analytics, IP66

12x High Resolution WDR Vandal-Resistant Dome Camera

SCV-3120

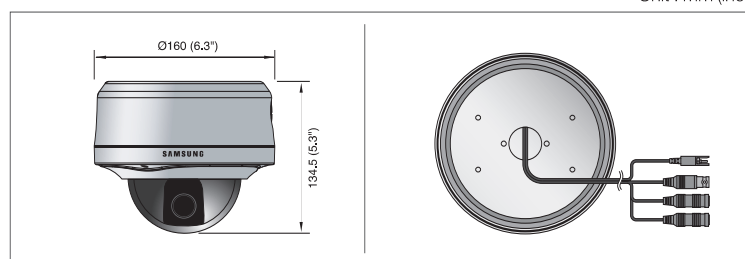


Specifications

ELECTRICAL		
Input Voltage	Dual (12V DC/ 24V AC)	
Power Consumption	Max. 4W	
VIDEO		
Imaging Device	1/4" Vertical Double Density Interline 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 : 0.7Lux (50IRE@F1.65), 0.07Lux (Sens-up, 512x) B/W : 0.001Lux (50IRE@F1.65)	
S / N (Y signal)	52dB	
Video Output	CVBS : 1.0Vp-p / 75Ω composite	
LENS		
Zoom Ratio	12x (Optical), 16x (Digital)	
Focal Length	3.6 ~ 44.3mm (F1.65 ~ 2.0)	
Max. Aperture Ratio	1 : 1.65(Wide) ~ 3.7(Tele)	
Min. Object Distance	1.8m (5.91ft)	
Angular Field of View	H : 51.54°(Wide) ~ 4.5°(Tele) / V : 39.24°(Wide) ~ 3.38°(Tele)	
Focus	Auto / Manual / One-push	
PAN / TILT / ROTATE		
Pan Range	0° ~ 340°	
Tilt Range	0° ~ 146°	
Rotate Range	0° ~ 340°	
OPERATIONAL		
On Screen Display	English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean	English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Danish, Turkish
Camera Title	On / Off (Max. 54ea / 2 lines)	
Day & Night	Auto (ICR) / Color / B/W / EXT	
Wide Dynamic Range	128x	160x
Digital Noise Reduction	On / Off / WDR	
Backlight Compensation	BLC (On / Off), ELC (On / Off)	
eXtended Dynamic Range	Low / Mid / High / Off	
Digital Image Stabilization	On / Off	
Privacy Masking	On / Off (12 polygonal programmable zones)	
2D+3D Noise Filter (A1)	Off / Very low / Low / Mid / High / Very high / User / Fix	
Sens-up (Frame Integration)	On / Off (Selectable limit ~ 512x)	
White Balance	ATW1 / ATW2 / AWC (Manual) / 3200°K / 5600°K	
Electronic Shutter Speed	1/60~1/10,000sec	1/50~1/10,000sec
Digital Zoom	On / Off (2x ~ 16x)	
AGC	On / Off (Very Low / Low / Mid / High / Very High / User / Fix)	
PIP	On / Off	
Schedule	Day / Time schedule	
Communication	RS-485, Coaxial control	
Protocol	Samsung-T, Samsung-E, Pelco-D, Pelco-P, Bosch, Honeywell, Vicon, Panasonic	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 90% RH	
MECHANICAL		
Dimension (WxH)	Ø160 x 134.5mm (Ø6.3" x 5.3")	
Weight	1.28Kg (2.82 lb)	
Ingress Protection	IP66	
Certifications	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.

Samsungtechwin R&D Center, 701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400
Tel : +82-70-7147-8741 ~ 8749 / +82-70-7147-8752 ~ 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

