



# A1

## Mini Camera-Range

### Ideal for ATM Machines



High Resolution ATM Camera

## SCB-3021/3020/2020

The SCB-3021/3020/2020 high-resolution cameras provide a horizontal resolution of 600TV lines and a low light level of 0.45/0.15Lux. Especially designed for ATMs to assist in the prevention of crime, these cameras keep a close watch on cash deposit/withdraw, while at the same time blanking out the sensitive PIN information. In addition, there are advanced options that include coaxial control, VPS (Virtual Progressive Scan) and intelligent video function.

- High resolution of 600TV lines
- Min. illumination 0.45Lux@F2.0 (color) : SCB- 3021/3020  
0.15Lux@F2.0 (color) : SCB-2020
- Built-in 4.3mm fixed lens : SCB-3021  
3.7mm fixed lens : SCB-3020/2020
- WDR, VPS : 3021/3020, intelligent video, MD, DNR
- Coax : CCVC, 12V DC
- 50.2 x 40.2 x 53.3 compact size

# High Resolution ATM Camera

# SCB-3021/3020/2020

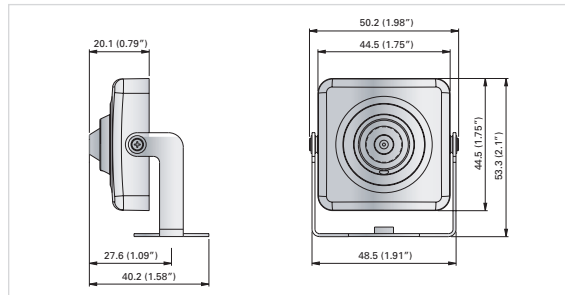


## Specifications

	SCB-3021N/3020N/2020N	SCB-3021P/3020P/2020P
<b>VIDEO</b>		
Imaging Device	1/3" Super HAD CCD (Double scan) : SCB-3020, 1/3" Super HAD CCD II : SCB-2020	
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 (L-Pulse input)	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 600TV lines	
Min. Illumination	Color : 0.45Lux@F2.0 (50IRE, Sens-up 2x) : SCB-3021/3020 0.15Lux@F2.0 (50IRE, Sens-up 2x) : SCB-2020	
S / N Ratio	52dB (AGC off, Weight on)	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
<b>LENS</b>		
Focal Length (Zoom Ratio)	4.3mm : SCB-3021, 3.7mm : SCB-3020/2020	
Max. Aperture Ratio	F2.0	
Angular Field of View	D : 88.4° / H : 64.6° / V : 46.6° : SCB-3021 D : 80.81° / H : 64.65° / V : 48.49° : SCB-3020/2020	
Min. Object Distance	0.4m (1.31ft)	
<b>OPERATIONAL</b>		
On Screen Display	Multi-language support English, Japanese, Spanish, French, Portuguese, Taiwanese, Korean	Multi-language support English, French, German, Spanish, Italian, Chinese, Russian, Polish, Czech, Romanian, Serbian, Swedish, Danish, Turkish, Portuguese
Camera Title	Off / On (Displayed 54 characters)	
Day & Night	Day / Night / Auto	
Backlight Compensation	Off / On	
Wide Dynamic Range	128x : SCB-3021/3020	160x : SCB-3021/3020
Contrast Enhancement	Off / Low / Mid / High	
Digital Noise Reduction	Adaptive 3D+2D (Off / Low / Mid / High / User)	
Digital Image Stabilization	Off / On	
Motion Detection	Off / Tracking / Detection	
Privacy Masking	Off / On (12 programmable zones, polygonal type)	
Sens-up (Frame Integration)	2x ~ 512x	
Gain Control	Off / On	
White Balance	ATW1 / ATW2 / AWC (Manual) / 3200K / 5600K	
Electronic Shutter Speed	1/60 ~ 1/200,000sec	1/50 ~ 1/200,000sec
Digital Zoom	Off / On (1x ~ 16x)	
Reverse	Off / H / V / H/V	
Profile	Standard / ITS / Backlight / Day & Night / Gaming / Custom	
VPS	Off / On : SCB-3021/3020	
Intelligent Video	Fixed / Moved, Fence (Line, Area)	
PIP	Off / On	
Alarm	1 Output	
Communication	Coaxial control (SPC-300 compatible)	
Protocol	Coax : CCVC	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH	
<b>ELECTRICAL</b>		
Input Voltage/Current	12V DC ±10%	
Power Consumption	Max. 2.0W	
<b>MECHANICAL</b>		
Color / Material	Black / Aluminum	
Dimension (WxHxD)	50.2 x 40.2 x 53.3mm (1.98" x 1.58" x 2.1")	
Weight	105g (0.23 lb)	

## 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.



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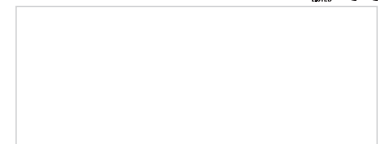
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