

Beyond series 1280H Analog Cameras



SCB-5003

1280H WDR Box Camera

- 950TV lines high resolution
- 120dB WDR, Day & Night (ICR)
- 0.03Lux@F1.2, 50IRE (Color),
0.003Lux@F1.2 50IRE (B/W)
- 0.01Lux@F1.2, 30IRE (Color),
0.001Lux@F1.2 30IRE (B/W)
- Samsung Super Dynamic Range (SSDR), Samsung Super Noise Reduction IV (SSNR IV) Defog
- Video analytics : Fixed/Moved, Fence, Tracking, Motion Detection, Counting, Tampering
- Privacy masking 24 zones (4 point polygonal)
- 1x ~ 16x Digital zoom
- Coaxial communication

Samsung has redefined the analog market by introducing its new "Beyond" series, capturing quality images in 950TVL resolution. The SCB-5003 belongs to the 1280H Beyond analog camera series that provides 950TVL resolution with user-friendly and value added functions such as a 120dB Wide Dynamic Range, Day & Night, Samsung Super Dynamic Range (SSDR), Samsung Super Noise Reduction IV (SSNR IV) and Video Analytics (That includes Fixed / Moved, Fence, Tracking, Motion Detection, Counting and Tampering). The SCB-5003 provides clear images under a variety of challenging environment conditions.

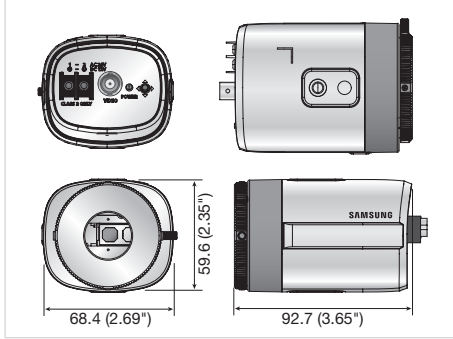


Key Features

- 950TV lines high resolution
- 120dB WDR, Day & Night (ICR)
- 0.03Lux@F1.2, 50IRE (Color), 0.003Lux@F1.2 50IRE (B/W)
- 0.01Lux@F1.2, 30IRE (Color), 0.001Lux@F1.2 30IRE (B/W)
- SSSR, SSNR IV, Defog
- Video analytics : Fixed/Moved, Fence, Tracking, Motion Detection, Counting, Tampering
- Privacy masking 24 zones (4 point polygonal)
- 1x ~ 16x Digital zoom
- Coaxial communication

Dimensions

Unit : mm (inch)



Accessories (Optional)



	SCB-5003N	SCB-5003P
VIDEO		
Imaging Device	1/3" 1.3M CMOS	
Total Pixels	1,312(H) x 1,069(V)	
Effective Pixels	1,280(H) x 1,024(V)	
Scanning System	Progressive scan	
Synchronization	Internal / Line lock / External (TBD)	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 950TV lines (TBD) B/W : 850TV lines (TBD)	
Min. Illumination	Color : 0.03Lux (F1.2, 50IRE), 0.01Lux (F1.2, 30IRE) (TBD) B/W : 0.003Lux (F1.2, 50IRE), 0.001Lux (F1.2, 30IRE) (TBD)	
S / N Ratio	52dB (AGC off, Weight on) (TBD)	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite	
LENS		
Focus Control	Manual	
Lens Type	Manual / Auto iris (DC) / Video IRIS	
Mount Type	C / CS	
OPERATIONAL		
On Screen Display	English, Japanese, Spanish, French, Portuguese, 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) / Color / B/W	
Backlight Compensation	Off / User BLC / HLC / WDR	
Wide Dynamic Range	120dB (TBD)	
Contrast Enhancement	SSDR (Off / On)	
Digital Noise Reduction	SSNR IV (Off / On)	
Defog	Off / Auto / Manual	
Purple Fringe Reduction	Off / On	
Digital Image Stabilization	Off / On	
Motion Detection	Off / On	
Privacy Masking	Off / On (24 programmable zones with 4 points polygonal masking)	
Sens-up (Frame Integration)	2x ~ 60x	
Gain Control	Off / Low / Middle / High	
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1,800°K ~ 10,500°K)	
Electronic Shutter Speed	1/60 ~ 1/120,000sec (TBD)	1/50 ~ 1/120,000sec (TBD)
Digital Zoom	Off / On (1x ~ 16x)	
Reverse	Off / H-Rev / V-Rev / HV-Rev	
Profile	Basic, Day & Night, Backlight, Indoor, User	
Intelligent Video Analytics	Fixed / Moved, Fence, Tracking, Detection, Counting, Tampering	
Communication	Coaxial control (SPC-300 compatible), RS-485	
Protocol	Coax : Pelco-C (Coaxitron) RS-485 : Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH	
ELECTRICAL		
Input Voltage / Current	Dual (24V AC & 12V DC ±10%)	
Power Consumption	TBD	
MECHANICAL		
Color / Material	Black, Ivory / Plastic	
Dimensions (WxHxD)	68.4 x 59.6 x 92.7mm (2.69" x 2.35" x 3.65")	
Weight	150g (0.33 lb) (TBD)	