

1/3" Vandal Resistant Fixed Dome
Camera



FEATURES

- Day/Night feature with removable IR cut filter
- High sensitivity with a minimum scene illumination
- 1/3" Sony Super HAD CCD 470.000 pixels
- 540 TVL Horizontal Resolution
- Varifocal Lens: f = 2.9 - 10 mm, auto iris
- Back light compensation circuitry
- Digital Noise Reduction
- 3 Way Axis Gimbal, wall mountable
- Test monitor video output
- Power Input AC24V/DC12V

SUMMARY

The SCC-B539x series cameras provide clear 540 TVL images by using Digital Signal Processing. Samsung uses only the Sony Super-HAD CCD, which specializes in the high frequency and horizontal correction signals. The camera detects the surrounding illumination environment in real time, and automatically switches the camera to the correct mode, into color in bright conditions, and into B/W mode in low light conditions, so that the camera's DSP can deliver the best image. In addition, it uses Auto Gain Control and Sens-up (Low Speed Shutter) functions together, providing a clear low-noise image.

The SCC-B539x camera uses a polycarbonate dome cover, so that it is safe from external impact, is water resistant and dust proof. The digital noise reduction (DNR) function removes the video noise that occurs in video signals, particularly when Automatic Gain Control is used in low light conditions. The Digital Noise Reduction function of the SCC-B539x camera uses a special Samsung computer code to remove video noise and color noise, regardless of the motion of an object providing a clear image.

The SCC-B539x series camera lens rotates through its dome and also freely moves up to 355° horizontally and up to 90° vertically. It can be easily installed in difficult areas such as a wall or an inclined surface where it can be difficult to install a surveillance camera. The camera uses horizontal and vertical mirroring functions to provide correct images regardless of the installation environment. The newly developed Integrated DSP system delivers the user an unparalleled high resolution image by providing superb camera performance.



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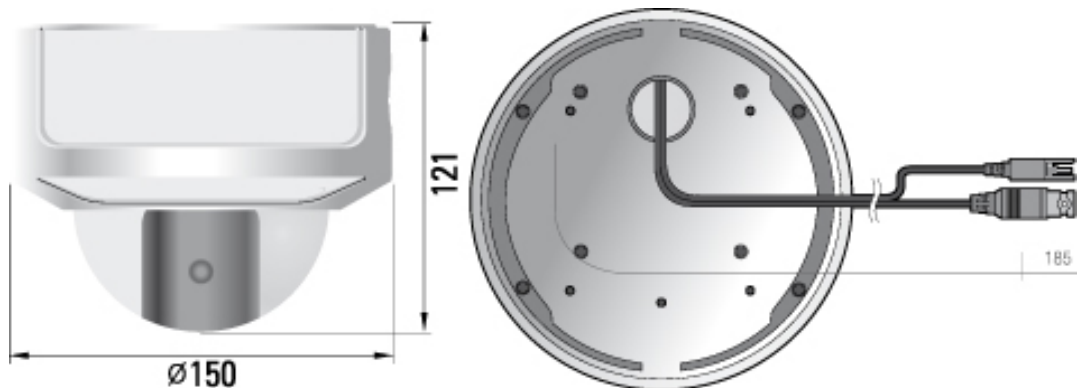


SPECIFICATIONS

Image Sensor	1/3" CCD (Sony Super HAD)
Scanning System	PAL, 50Hz, 2:1 Inter Line Transfer
Image Size	Pixel Total: 795 x 596, Pixel Effective: 752 x 582
Resolution	540 (H) lines
S/N Ratio	50 dB
Day/Night	Auto, Filter on, Filter off
Sensitivity Colour	0.5 lux @ 50IRE f1.2, 0.0012 lux @ 15IRE sens up 128x
Sentitivity B&W	0.05 lux @ 50IRE f1.2, 0.00012 lux @ 15 IRE sens up 128x
Pan Range	355° (Manual)
Tilt Range	0 ~ 90°
Sens Up	Off ~ x128, auto
BLC	On/Off
AGC	On
Flickerless	On/Off
Line Lock	On/ Off
White Balance	ATW, AWC
Lens Focal Length	2.9 ~ 10 mm
Aperture Ratio	F 1.2 ~ 360
Lens Drive Type	DC auto iris
Video Output(s)	1 CVBS, 1Vpp, BNC & 1 test monitor out
Colour	White
Operating Temperature	-10°C ~ +50°C
Humidity	less than 90%
Supply Voltage	AC24V(50Hz)±10%, DC12V+10%/-5%
Power Consumption	1.7 W
Weight	0.980 kg
Dimensions w*h*d	Ø 150 x 121 mm



DIMENSIONS



Design and specifications are subject to change without notice

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