

1/3" Fixed Dome Camera, Vari-Focal



FEATURES

- Day/Night feature with removable IR cut filter
- High sensitivity with a minimum scene illumination
- DSP (Digital Signal Processor)
- 1/3" Sony Super HAD CCD 470.000 pixels
- 540 TVL Horizontal Resolution
- Varifocal Lens: f = 2.5 - 6 mm, auto iris
- Back light compensation circuitry
- 3 Way Axis Gimbal, wall mountable
- Test monitor video output
- Power Input AC24V/DC12V

SUMMARY

The SCC-B535x 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 colour 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-B535x 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 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-B535x camera uses a special Samsung computer code to remove video noise and colour noise, regardless of the objects motion, providing a clear image.

The SCC-B535x camera uses horizontal and vertical mirroring functions to provide correct images regardless of the cameras 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 |
| 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 | 2.5 ~ 6 mm |
| Aperture Ratio | F 1.2 ~ 360 |
| Viewing Angle Tele | 46°(H), 34°(V) |
| Viewing Angle Wide | 108°(H), 80°(V) |
| 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 | 0.325 kg |
| Dimensions w*h*d | Ø 128x 91 mm |



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DIMENSIONS

