

SCC-B2300 / SCC-B2391

1/3" DAY/NIGHT COLOR DIGITAL CAMERA



SUMMARY

The SCC-B2391 color camera use state-of-the-art 1/3" CCD's with 410,000 pixels and the SCC-B2300 uses state-of-the-art 1/3" CCD's with 270,000 pixels. These cameras have high horizontal resolution through the use of Digital Signal Processing, (SCC-B2391: 540 TV lines / SCC-B2300: 400 TV lines).

The SCC-B2300 and SCC-B2391 cameras also contain a Day/Light function that automatically switches to color mode during the day and to B/W mode at night, enabling 24 hours a day observation. By using a SONY Super-HAD CCD and outstanding digital signal processing, these cameras provide extremely sharp image quality. A Back Light Compensation function enables them to give bright and sharp images of an object darkened by backlighting.

These products have excellent CCD sensitivity, which allows observation of parking lots or building interiors that are dimly lit. Using the Auto/Manual white balance function, these cameras provide high quality rendering of colors under difficult environmental conditions. These cameras also allow the user to select the line-lock or flickerless function.

By using the ELC function, these products can use the Manual Iris Lens economically. Without the ELC function, these products can use an auto-iris lens (DC/Video). Their mechanism is designed to work with any C/CS lens mount adapter. The SCC-B2391 and the SCC-B2300 are easy to install since they can be mounted either on the top or the bottom of the camera adapter. These products work with both AC24V and DC12V.

FEATURES

- Day/Night Camera
- Hi-Resolution DSP (Digital Signal Processing)
- SCC-B2391: 1/3" 410,000 pixels Super HAD CCD
- SCC-B2300: 1/3" 270,000 pixels Super HAD CCD
- Horizontal Resolution of 400/420 TV Lines for SCC-B2300
- Horizontal Resolution of 540/570 TV Lines for SCC-B2391
- Back Light Compensation Circuitry
- External Synchronization with Line lock
- Accepts 2 Types of Auto-Iris Lenses (DC/Video)
- Accept CS/C-Mount Lens (with C-Mount Adaptor)
- Power Input (AC24V/DC12V Compatible)
- Built-in Ground Fault Isolation Transformer

SPECIFICATIONS

Image: Color

Image Scanning Device: CCD

Scanning Min.scene Illumination Functions:

Size: 1/3 inch

Pixels - Total:

SCC-B2391: 811 x 508 / SCC-B2300: 537 x 505

Pixels - Effective:

SCC-B2391: 768 x 494 / SCC-B2300: 505 x 492

System: Interlace

Min.scene Illumination:

Horizontal Frequency-Internal Mode: 5,734 Hz

Horizontal Frequency-Line-lock Mode: 15,750 Hz

Vertical Frequency-Internal Mode: 59.94 Hz

Vertical Frequency-Line-lock Mode: 60 Hz

Color: SCC-B2391: 0.3 Lux / SCC-B2300: 0.2 Lux

Functions Resolution Video Output:

B/W:

SCC-B2391: 0.06 Lux,

SCC-B2300: 0.03 Lux

Day/Night: AUTO/EXT

S/N Ratio Lens:

BLC: On

AGC: On

ELC: On(Max.1/100Ksec)

Line Lock: Off/On

White Balance: ATW/MANUAL

Horizontal

B2391P: 540/570(Color/BW),

B2300: 400/420(Color/BW) TV Lines

Environmental Conditions

Vertical: 350 TV Lines

VBS 1.0Vp-p

S/N Ratio: 50dB

Power: Lens Drive Type: AI(Video/DC)

Environmental Conditions: Operating Temperature: -10° C ~ +50° C

Physical Specification:

Humidity: Less than 90%

Power Requirement: AC24V(60Hz) ± 10%, DC12V+10%/-5%

Physical Specification:

Power Consumption: 3W

LED Indicator: Yes

Dimensions (WxHxD)-Net: 68 x 55 x 128.5 mm