

SCC-130B

1/3" STANDARD, COLOR DIGITAL CAMERA



SUMMARY

The SCC-130B general-purpose color camera has been designed for low cost, high performance surveillance applications. The SCC-130B features a 270,000 Pixels, 1/3" CCD imaging device and can be used with a variety of lens and mounting accessories.

The camera will operate in multiple lighting conditions due to the advanced DSP (Digital Signal Processing) and backlight compensation circuitry that yields an illumination sensitivity of 0.3 lux. Features also include switch programming for line lock, flicker prevention, and AWB (automatic white balance) as well as camera selectable CS/C lens options. The camera provides 330 TV lines of resolution with more than 50 dB signal to noise ratio for crystal clear images in a variety of conditions.

For convenience and flexibility the camera is dual voltage, supports the use of DC and Video driven lenses and has a built in ground isolation transformer.

The SCC series of cameras are the perfect imaging devices for a variety of surveillance applications.

FEATURES

- Digital Signal Processing (DSP)
- 1/3" IT Super HAD CCD 270,000 Pixels
- 330 TV Lines of Horizontal Resolution
- High Sensitivity 0.3 lux (F 1.2)
- Back Light Compensation Circuitry
- Signal-To-Noise Ratio of 50 dB
- Line-Lock Synchronization
- Accepts 2 Types of Auto-Iris Lenses (DC/Video)
- Accept CS/C-Mount Lenses without Adaptor
- Built-In Ground Fault Isolation Transformer

SPECIFICATIONS

Scanning System NTSC Standard: 525 lines, 30 frames/sec
Image Device:

Interline transfer super HAD CCD, 270,000 pixels
Image Size: 1/3 inch (4.8mm x 3.6mm)
Picture Elements 537(h) x 505(v): Total picture elements

Geometry: No geometry distortion

Interlace 2: 1 interlace

Scanning Frequency Horizontal: 15,734 Hz (Int)/15,750 Hz (I/I), Vertical: 59.94 Hz (Int)/60 Hz (I/I)

Sync System: Internal/line-lock

Resolution: Horizontal: 330 TV lines, Vertical: 350 TV lines

Video Output Level: VBS 1.0 Vp-p (75 Ohms, composite)

S/N Ratio: More than 50 dB (AGC off)

Min. Scene Illumination 0.3 lux @ F1.2 (50 IRE)

Lens Mount: C/CS compatible

Gamma Correction: 0.45

Lens Control (AI lens): DC iris, video iris

Controls (switch) Line-lock: On/Off (internal)

ELC: On/Off (ALC)

Flickerless: On/Off

AWB: On/Off (manual)

Input/output Sockets Video: BNC (rear)

AI Lens: 4-pin din (side)

Power: 2-pin terminal (rear)

Power Indicator: LED (rear)

Environmental Operating Temp: -10~ 50°C (14 ~ 122°F)

Conditions Humidity: Within 90% Rh

Power Requirement: 12VDC / 24VAC, 60 Hz

Power Consumption: 3W

Weight Approx.: 450g / 1 Lb

Dimensions: (W x H x D) 65 x 52 x 133mm / 2.65" x 2.05" x 5.24

ACCESSORIES

Spare auto-iris connector

RECOMMENDED POWER SUPPLIES

TRAN-24-40LED, 24VAC, 40VA, class II plug in transformer

GV-M2448UL, 24VAC, 4 AMP, 8 fused outputs

GV-M24816UL, 24VAC, 8 AMP, 16 fused outputs

TRAN-12-500DC, 12VDC, 500 MA, plug in transformer

GV-M1234, 12VDC, 3Amp, 4 fused outputs

RECOMMENDED LENS

Choose a 1/3" format lens C or CS-mount

See Lens section of this specification book.

RECOMMENDED MOUNTS

GV-IDWMBG; 6.25" indoor mount

GV-IDWMBG-5; 4.25" indoor mount

See Accessories section of this specification book.

OUTDOOR MOUNTING OPTIONS

GV-HOUS1, indoor/outdoor housing

GV-HOUS/HB, indoor/outdoor housing

GV-Bracket, mount for HOUS series

See Accessories section of this specification book.

LAN INTERFACE

SNS-200 single channel MJPEG Samsung Web-Transmitter/Server which includes 16 channel viewing software