

SCC-131B

1/3" HIGH RESOLUTION COLOR CAMERA



SUMMARY

The SCC-131B High Resolution color camera has been designed to perform in a variety of conditions where high resolution and clear imaging is required. The SCC-131B features a 410,000 Pixels 1/3" Super HAD 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 Super HAD chip set 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 520 TV lines of resolution with more than 50 dB signal to noise ration 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 410,000 Pixels
- 520 TV Lines of Horizontal Resolution
- High Sensitivity 0.3 lux (F 1.2)
- Back Light Compensation Circuitry
- Signal-To-Noise Ratio of more than 50 dB
- Line-Lock Synchronization
- Accepts 2 Types of Auto-Iris Lens (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, 410,000 pixels
Image Size: 1/3 inch (4.8mm x 3.6mm)

Picture Elements 768(h) x 494(v) : Total picture elements
Geometry: No geometry distortion
Interlace: 2 to 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: 520 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: /CS compatible
Gamma Correction: .45
Lens Control (AI lens) : DC iris, video iris
ELC: On/Off (ALC)
Flickerless: /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)
Humidity: Within 90% Rh
Power Requirement: 24VAC, 12VDC, 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