SCC-131B
1/3” HIGH RESOLUTION, COLOR DIGITAL CAMERA

FEATURES
- High Resolution Color Camera
- 1/3 Inch IT Super HAD CCD
- 520 TV Lines Resolution
- DSP (Digital Signal Processing)
- Minimum Scene Illumination 0.15 Lux @ 15IRE (F1.2)
- BLC/AGC
- Flickerless
- Automatic White Balance
- Line-Lock Synchronization
- Accepts 2 types of Auto-Iris Lenses (DC/Video)
- Accepts CS/C lens mounts
- 12VDC/AC24V (60Hz)
- Built-In Ground Fault Isolation Transformer

ACCESSORIES
RECOMMENDED POWER SUPPLIES
GV-TRAN-24-20LED, 24VAC, 20VA, Class II plug in transformer
GV-TRAN-24-40LED, 24VAC, 40VA, Class II plug in transformer
GV-TRAN-12-500DC, 12VDC, 500 MA, plug in transformer
GV-M2448UL, 24VAC, 4 amp, 8 fused outputs
GV-M24816UL, 24VAC, 8 amp, 16 fused outputs
GV-M1234, 12VDC, 3 amp, 4 fused outputs

RECOMMENDED LENS
GV-2.8-12ADC, 1/3” 2.8-12mm, Vari-Focal, DC Auto Iris
GV-3.5-8ADC, 1/3” 3.5-8mm, Vari-Focal, DC Auto Iris
GV-5-100ADC, 1/2”, 1/3”, 5-100mm, Vari-Focal, DC Auto Iris

RECOMMENDED MOUNTS
GV-IDWMBG; 6.25” indoor mount
GV-IDWMBG-5; 4.25” indoor mount

RECOMMENDED HOUSING OPTIONS
GV-HOU3512, IP66 rate, indoor/outdoor housing
GV-HOU3512HB, IP66 rate, indoor/outdoor housing w/ Heater & Blower

SUMMARY
The SCC-131B high resolution color camera is designed to perform in conditions where high resolution and clear imaging is required. The SCC-131B features a 1/3” IT 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 backlight compensation circuitry that yields an illumination sensitivity of 0.15 lux. Features also include switch programming for line lock, flicker prevention, auto white balance and electronic light control.

The camera provides 520 TV lines of resolution with more than 50 dB signal to noise ratio to produce crystal clear images. For convenience and flexibility the camera is dual voltage and it also supports the use of DC and Video drive lenses. An added built-in ground isolation transformer to the camera will help prevent ground looping problems. The Samsung Electronics SCC series cameras are perfect imaging devices for a variety of surveillance applications.
### Camera Type
- Color: High Resolution Digital Camera

### Image
- Device: IT Super HAD CCD
- Size: 1/3"  
- Pixels – Total: 768 x 494

### Scanning
- System: 525 lines, 2:1 Interface
- Horizontal Frequency Internal Mode: 15,734Hz
- Horizontal Frequency Line-lock Mode: 15,750Hz
- Vertical Frequency Internal Mode: 59.94Hz
- Vertical Frequency Line-lock Mode: 60Hz

### Min. Scene Illumination
- Color: 0.15Lux @ 15IRE (F1.2)

### Electronic Shutter speed
- ELC: 1/60 – 1/120,000 sec

### Functions
- BLC: ON
- AGC: ON
- ELC: ON/OFF
- ALC: DC Iris Lens/Video lens
- Line Lock: ON/OFF
- AWB: ON/OFF
- Flicker: ON/OFF
- Lens Mount: C/CS Compatible
- Control: DC Iris, Video Iris

### Resolution
- Horizontal: 520 TV Lines
- Vertical: 350 TV Lines

### Video Output
- VBS 1.0Vp-p
- S/N Ratio: 50dB (AGC OFF)

### Environmental Conditions
- Operating Temperature: -10°C ~ +50°C (14°F ~ +122°F)
- Humidity: Less than 90%

### Power
- Power Requirement: 12VDC/AC24V (60Hz)
- Power Consumption: 3W
- LED Indicator: Yes

### Physical Specification
- Dimensions (WxHxD): 2.65" x 2.05" x 5.24" / 65 x 52 x 133mm
- Weight: 1lbs/450g

### Certifications
- UL, FCC