

SBC-331A

1/3" BLACK AND WHITE CAMERA



SUMMARY

The SBC-331A monochrome camera is designed to be an excellent choice where high-resolution monochrome imaging is required. The SBC-331A features a 1/3" Super HAD CCD imager.

The camera will operate in a wide range of lighting conditions with a minimum scene illumination of 0.1 lux. Switch selectable programming allows for control of AGC (automatic gain control), Electronic Shutter and Back Light Compensation.

The SBC-331A will provide sharp and clear images even in limited lighting conditions. The SBC-331A has a resolution of 570 TV lines and a signal-to-noise ratio of more than 50 dB to deliver high quality, crisp video images.

For convenience and flexibility the SBC-331A is dual voltage (24VAC/12VDC) and supports the use of both DC and Video driven lenses. The camera is equipped with a CS/C adjustment ring for use with all lens types and has a built in-group loop isolation transformer. The SBC Series cameras are a perfect addition for any surveillance or imaging system..

FEATURES

- 1/3" IT CCD 410,000 Pixels
- 570 TV lines resolution
- BLC Covers Various Light Conditions
- Excellent Signal-To-Noise Ratio of more than 50 dB
- Accepts 2 Types of Auto-Iris Lenses (DC/Video Servo)
- Accepts CS/C-Mount Lenses without Adaptor
- No Interference from Magnetic or Electronic Fields
- Built-In Anti-Ground Loop 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"

Picture Elements: 752(H) x 582(V)

Scanning Frequency:

Horizontal: 15,750Hz (INT)/15,750Hz (L/L)

Vertical: 60Hz (INT)/60Hz (L/L)

Sync. System: Internal/Line-lock

Resolution: 570 TV lines

S/N Ratio: More than 50 dB

Min. Scene Illumination: 0.1 lux F1.2 (50 IRE)

ALC/ELC ALC DC Iris Lens Video Lens ELC Electronic Shutter Iris function

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

Power Source: 24VAC/12VDC, 60Hz

Power Consumption: About 2 watts

Environmental Conditions:

Operating temperature: -10 ~ 50oC (14 ~ 122oF)

Humidity: Within 90% RH

Weight: About 420g/0.95 lb

Dimensions: (WxHxD): 65 x 52 x 133mm/ 2.56" x 2" x 5.24"

ACCESSORIES

SBC-331A ACCESSORIES

Supplied 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