

## STC-131

The STC-131 is a very small B&W resolution industrial camera. If your application requires an inexpensive reliable B&W camera housed in a very small package, that will also provide repeatable consistent performance, then the STC-131 is the camera which meets your requirements.



STC-131BT

Image shown not actual size

### Features

- 1/3" CCD
- Standard Resolution
- Monochrome
- EIA & CCIR Formats
- Electronic or Fixed Shutter
- Internal Sync
- AGC On
- Compact Size (1.6" x 1.6" x 1.8")
- Available in 2 Configurations

### Specifications >>

<b>Image Sensor:</b>	Black & White: 1/3" Interline CCD (ICX404AL)
<b>Effective Picture Element:</b>	510 (H) x 492 (V)
<b>Signal Format:</b>	EIA (Also Available in CCIR Format - STC-136)
<b>Scanning System:</b>	2:1 Interlace
<b>Horizontal Frequency:</b>	15.734 kHz
<b>Vertical Frequency:</b>	59.94 Hz
<b>Sync System:</b>	Internal
<b>Horizontal Resolution:</b>	380 TV Lines
<b>Minimum Illumination:</b>	0.05 Lux @ F 1.2, 50 IRE
<b>Minimum Illumination (H Version):</b>	0.03 Lux @ F 1.2, 50 IRE
<b>S/N Ratio:</b>	>48dB (AGC Off)
<b>Gamma:</b>	0.45
<b>Lens Mount:</b>	CS-Mount Lens Mount (C-Mount with adapter)
<b>AGC:</b>	On (0 - 20dB)
<b>Electronic Shutter:</b>	1/60 to 1/100,000 second (Auto Iris)
<b>Fixed Shutter:</b>	1/60
<b>Video Out:</b>	VS 1.0Vp-p 75 Ω
<b>Power Supply:</b>	12V DC
<b>Power Consumption:</b>	100mA
<b>Operating Temperature:</b>	-10°C ~ 45°C (14°F ~ 113°F)
<b>Storage Temperature:</b>	-30°C ~ 60°C (-22°F ~ 140°F)
<b>Dimensions:</b>	40 (W) x 40 (H) x 45 (D) mm (1.6" x 1.6" x 1.8")
<b>Weight:</b>	100g (3.53 oz.)

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### >> STC-131

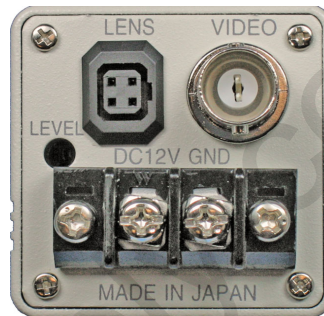
#### Configurations

##### BJ Model:

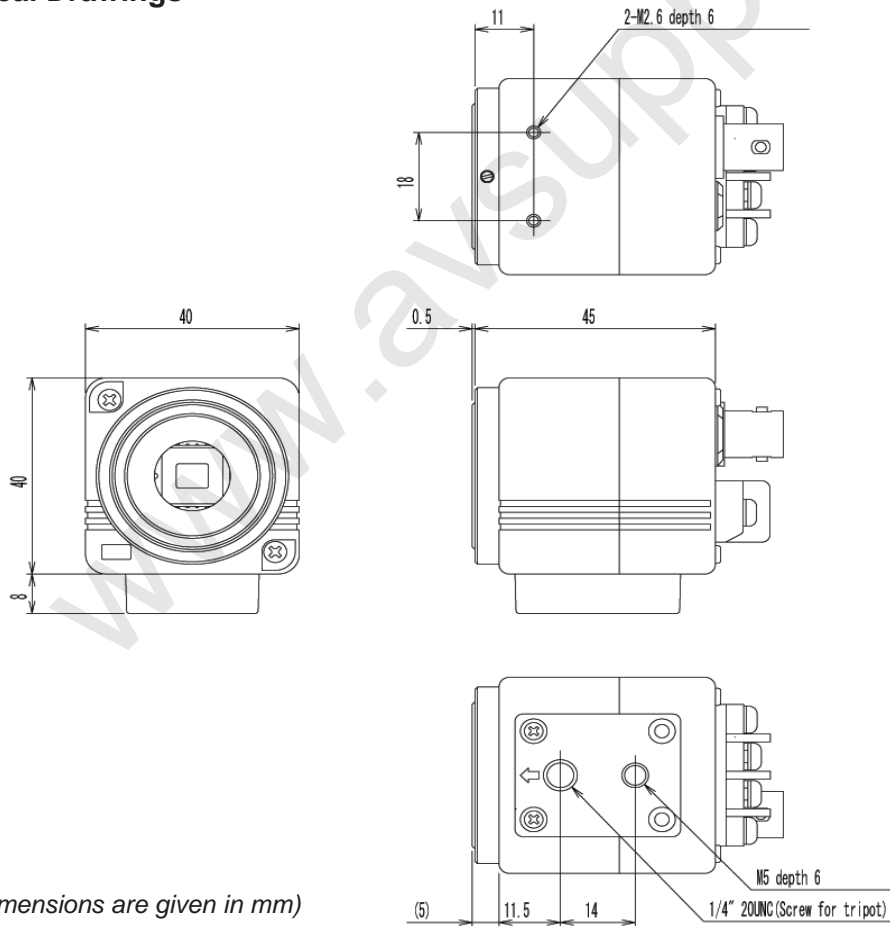
- Video out on BNC
- Jack type power connection (Jack connector included w/ camera)
- Compact size (1.6" x 1.6" x 1.8")
- DC Auto Iris Lens Connector (Not Functional)

##### BT Model:

- Video out on BNC
- Terminal type power connection
- Compact size (1.6" x 1.6" x 1.8")
- DC Auto Iris Lens Connector (Not Functional)



#### Mechanical Drawings



**Note:** (Dimensions are given in mm)