

## STC-630

The SenTech high resolution 600 series, as well as the standard resolution series of the 500 series color cameras, are all available in the following six standard configurations. To order the 630 series with the CC configuration, the model name would be STC-630CC.



**STC-630**

Images shown not actual size

### Features

- 1/3" CCD
- Color
- Internal or External Sync (Model Dependant)
- 10 Bit DSP
- NTSC & PAL Formats
- Electronic Shutter (Except A & AS Models)
- Available in 6 Different Configurations

### Specifications >>

Image Sensor:	Color 1/3" 768 (H) x 494 (V) IT CCD (ICX408AK)
Signal Format:	NTSC (Also Available in PAL Format - STC-635)
Processing:	10 Bit Digital Signal Processing
Horizontal Resolution:	480 TV Lines
Horizontal Frequency:	15.734kHz
Vertical Frequency:	59.94 Hz
Sync System:	Internal or External
Minimum Illumination (Standard):	0.37 Lux @ F 1.2, 50 IRE (AGC: On)
Minimum Illumination (H Version):	0.24 Lux @ F 1.2, 50 IRE (AGC: On)
S/N Ratio:	>48dB (AGC Off)
Gamma:	0.45 or 1.0 (DSP Adjustable)
White Balance:	ATW / Manual
Gain:	On / Off Selectable, 0dB to 12dB Range
Electronic Iris:	1/60 to 1/10,000 second (Except A & AS Models)
Fixed Shutter:	Low Speed Shutter: 2FLD - 16FLD (8 steps)
High Speed Shutter:	1/60 - 1/10,000 (8 steps)
Video Out:	1.0Vp-p 75 $\Omega$
Y/C Out:	Y/C Output 0.7Vp-p 75 $\Omega$ (On Select Models)
Back Light:	Back Light Compensation at Electronic Shutter
Negative / Positive:	Selectable
Power Supply:	12V DC
Power Consumption:	250mA
Operating Temperature:	-10°C ~ 45°C (14°F ~ 113°F)
Storage Temperature:	-30°C ~ 60°C (-22°F ~ 140°F)
Weight:	190g (6.7 oz.)
Dimensions:	51 (W) x 51 (H) x 55.5 (D) mm (2.04" x 2.04" x 2.22")

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## >> STC-630 Configurations



A Model



AS Model



BJ Model



BT Model

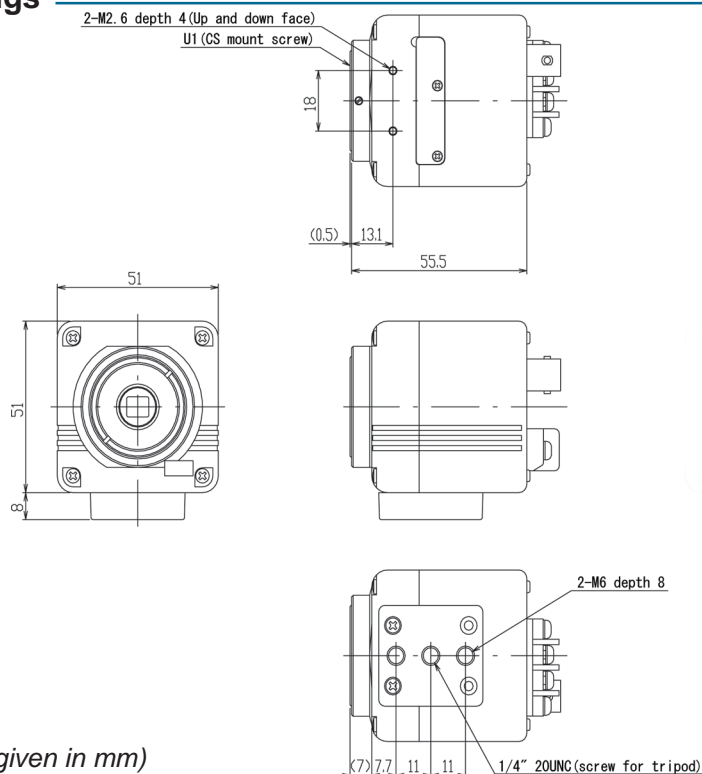


CC Model

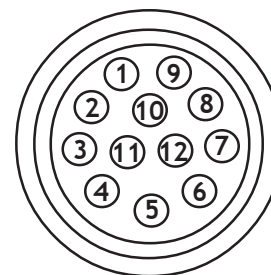


CT Model

## Mechanical Drawings



Pin Out for AS and CC Models



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