

STC-177BC Series

The STC-177BC is a 1/2" high resolution CCD machine vision camera. The STC-177BC offers aintegration HOLD feature for special applications. Also, the STC-177BC offers frame/field integration and accepts non-interlace synchronization.



STC-177BC

Images shown not actual size



Features

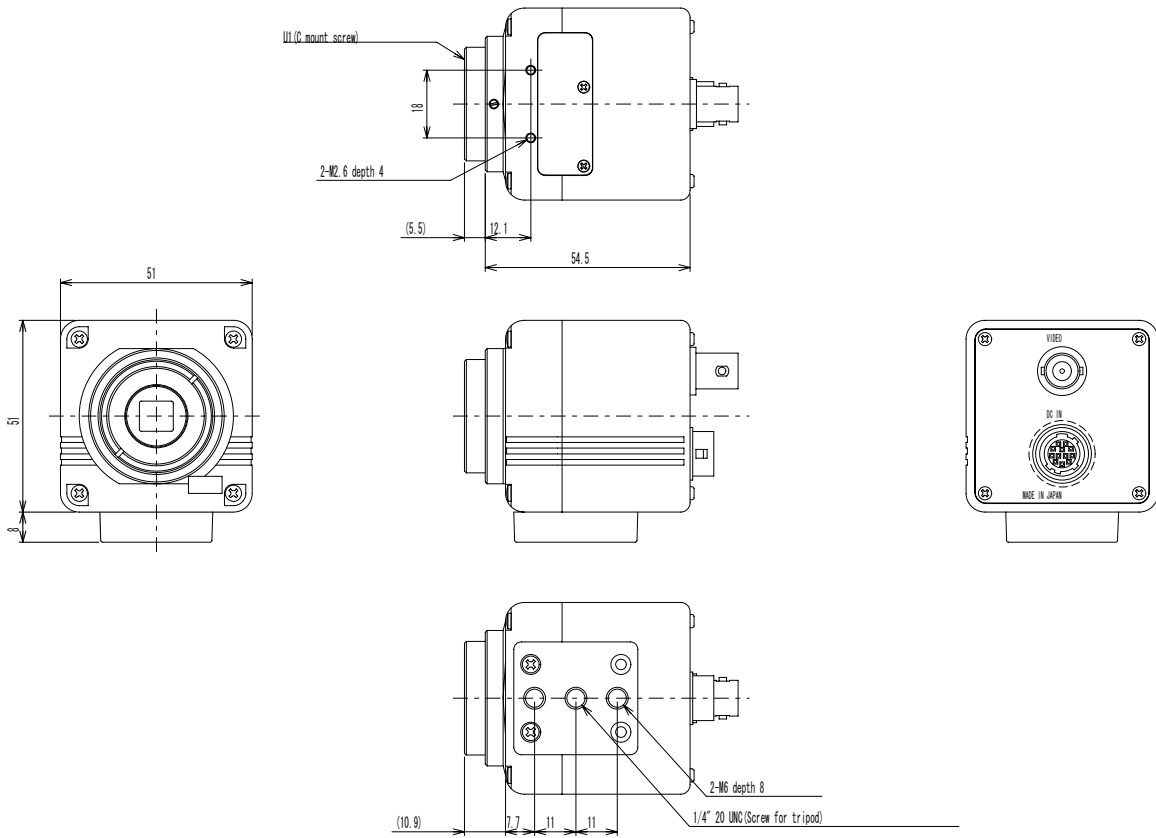
- 1/2" CCD
- Machine Vision
- High Resolution
- Frame/Field Integration
- EIA & CCIR Formats
- Internal or External Sync (HDVD)
- C-Mount Lens Mount
- Integration HOLD Feature
- Monochrome

Specifications >>

Image Sensor:	Black & White: 1/2" Interline CCD (ICX418ALL)
Effective Picture Element:	752 (H) x 582 (V)
Signal Format:	CCIR (EIA Format also Available - STC-172BC)
Scanning System:	2:1 Interlace
Horizontal Frequency:	15.625 kHz
Vertical Frequency:	50.00 Hz
Sync System:	Internal or External (HD/VD) Auto Switching By HD Input
Horizontal Resolution:	570 TV Lines
Vertical Resolution:	Frame Accumulation: 485 TV Lines Field Accumulation: 350 TV Lines
Minimum Illumination:	0.13 Lux @ F 1.2 (AGC: On)
S/N Ratio:	>56dB (AGC Off)
Accumulation Mode:	Frame / Field Switchable
Gamma:	0.45 / 1 Switchable
Lens Mount:	C Mount
Gain:	AGC, Fixed, Manual Adjust
Electronic Shutter:	Field: 1/50, 1/125, 1/500, 1/1000, 1/2000, 1/4000, 1/10,000 Frame: 1/25, 1/50, 1/125, 1/500, 1/1000, 1/2000, 1/4000, 1/10,000
Lens Mount:	C Mount Lens Mount
Video Output:	VS 1.0Vp-p Ω
Power Supply:	12V DC
Power Consumption:	110mA
Operating Temperature:	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature:	-30°C ~ 60°C (-22°F ~ 140°F)
Dimensions:	45 (W) x 45 (H) x 26 (D) mm (1.8" x 1.8" x 1)
Weight:	45g (1.58 oz.)

>> STC-177BC

Mechanical Drawings



Note: (Dimensions are given in mm)