

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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SENTECH

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STC-160/165 Series

Analog B/W Cased Cameras





STC-160BC



STC-160BT

STC-160 *(EIA, 570 TVL)*
STC-165 *(CCIR, 560 TVL)*

The STC-160 & STC-165 Cased series is a low-cost, high resolution machine vision camera, which offers users a high-resolution 1/3" CCD, fixed shutter speeds from 1/60th (1/50th) to 1/100,000th sec, external sync (HD/VD), and much more.

Accessories

Cables

CAB-3BNC
CAB-6BNC
12W-02, 03, 05
12W-2P

Power Supplies

45-601
45-752A
PWR-PSISP-6

Lens Mount

C-Adapter

Features

- 1/3" CCD Monochrome
- Available in EIA & CCIR Formats
- 570 TV Lines Horizontal Resolution
- Gamma 0.45 or 1.0 Switchable
- Sync: Int. or Ext. (HD / VD) (BC Model Only)
- Field Integration
- Electronic Iris
- Electronic Shutter
- CS-Mount Lens Mount (C-Mount with adapter)
- Size: 51(W) x 51(H) x 55.5(D) mm

Analog Monochrome Cased

EIA & CCIR



Models	STC-160	STC-165
Image Sensor:	1/3" IT CCD Monochrome	
Horizontal Resolution:	570 TV Lines	560 TV Lines
Vertical Resolution:	350 TV Lines	410 TV Lines
Signal Format:	EIA	CCIR
Scanning System:	2.1 Interlace	
Integration Mode:	Field	
Frame Rate:	30 fps	
Effective Picture Element:	768 (H) x 494 (V)	752 (H) x 582 (V)
Chip Size (mm):	5.59 (H) x 4.68 (V)	
Cell Size (µm):	6.35 (H) x 7.40 (V)	6.50 (H) x 6.25 (V)
Horizontal Frequency:	15.734kHz	15.625kHz
Vertical Frequency:	59.94Hz	50.00Hz
Gain	AGC / Manual (0-20dB)	
S/N Ratio:	>56dB (AGC Off)	
Gamma:	0.45 / 1.0	
Sync:	Internal / External (HD/VD), Auto Switching by HD Input	
Minimum Illumination: *"H" Version on pg136*	0.18 Lux @ F1.2, 20 IRE 0.44 Lux @ F1.2, 50 IRE	0.17 Lux @ F1.2, 20 IRE 0.44 Lux @ F1.2, 50 IRE
Electronic Shutter:	1/60 (1/50), 1/100 (1/120), 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000	
Electronic Iris:	1/60 ~ 1/100,000	1/50 ~ 1/100,000
Video Out:	1.0Vp-p, 75Ω	
Lens Mount:	CS Mount, C Mount (w/ adapter), Micro Lens Mount	
Power Supply:	12V DC ± 10%	
Power Consumption:	1.68W, 140mA	
Operating Temperature:	-10° ~ 45° C (14° F ~ 113° F)	
Storage Temperature:	-30° ~ 60° C (-22° F ~ 140° F)	
Dimensions:	51 (W) x 51 (H) x 55.5 (D) mm (2.0" x 2.0" x 2.18")	
Weight:	180g (6.35oz)	

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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