

**1/2" CCD  
Industrial Machine  
Vision Camera**



The STC-400 series industrial monochrome camera provides excellent performance for machine vision solutions. The camera features high quality reproduction, a 1/2" high resolution IT CCD, electronic shutter to 1/10,000 of a second, HD/VD external sync input / output and a 12 pin connector for easy access of power, video signal and sync signals. The STC-400 is available in EIA and CCIR formats.

## Features:

- Fixed / Manual Gain
- Composite Outputs
- 1/2" IT CCD, 768(V) x 494(H)
- Electronic Shutter
- External Sync, (HD/VD)in/out
- Small size, Lightweight
- 570 TV Lines
- 12 pin Connector
- EIA & CCIR Formats
- 0.2 Lux Minimum Illumination
- 12VDC
- 'C' Mount

For design help, accessories or pricing, please contact  
sales@avsupply or call: 1-858-565-1101

# STC-400/405 Industrial Camera

## Technical Specifications

STC-400 / STC-405

- 768(H) x 494(V) 1/2" IT CCD (STC-400, EIA)
- 752(H) x 582(V) 1/2" IT CCD (STC-405, CCIR)
- Horizontal Frequency: 15.734kHz (EIA), 15.625kHz (CCIR)
- Vertical Frequency: 59.97Hz (EIA), 50.00Hz (CCIR)
- Sync System: Internal or HD/VD
- 2:1 Interlace / Non-Interlace
- Horizontal Resolution: 570 Lines
- Minimum Illumination: 0.2 Lux at F1.2 (AGC On)
- S/N Ratio: More than 56dB (AGC Off)
- Gamma: 0.45 / 1.0
- Pixel Clock Out
- Gain: Fixed, Manual Adjust
- Field / Frame Switchable
- Electronic Shutter 1/60-1/10,000 sec
- Video Output: 1.0p-p @ 75 ohms
- Power: 12 VDC
- Operating Temperature: -10degrees C to +40 degrees C (14F-104F)
- Weight: 20g (190g)
- Dimensions: 31(W) x 29(H) x 73(D)



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\*STC-SS400 Remote Head Format also Available

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