

STC-CLC33

The STC-CLC33 is a full featured, low cost VGA progressive scan digital Camera Link® cube camera with 1/3" CCD with RGB Primary Color Filter. Featuring a full frame 90fps VGA output, partial scanning, triggering, and reset capabilities.



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Images shown not actual size

Features

- 1/3" IT CCD with RGB Primary Color Filter
- VGA
- Digital Camera Link® Output
- 90fps
- Compact Size (28 x 28 x 46.3mm)
- Pulse Width & Edge Pre-Select Trigger Modes

Specifications >>

Image Sensor:	1/3" IT CCD with RGB Primary Color Filter
Signal Format:	Progressive
Effective Picture Element:	659 (H) x 494 (V)
Active Picture Element:	648 (H) x 494 (V)
Chip Size:	5.79 (H) x 4.89 (V) mm
Cell Size:	7.4 (H) x 7.4 (V) μm
Horizontal Drive Freq.:	36.8181MHz
Horizontal Frequency:	47.2028kHz
Vertical Frequency:	94.784Hz
Min. Scene Illumination:	1 lux with F1.2 with Normal Mode
Sync System:	Internal and External (HD/VD) Automatically
Scanning System:	Progressive
Scanning Method:	Full Scan, 1/2 Partial Scan, 1/4 Partial Scan, Variable Partial Scan, Bining
Frame Rate:	90fps (At Full Scan)
Gamma:	1
Gain:	AGC/Adjustable Fixed Gain
Electronic Shutter:	Variable, Can be set at Hand Clock
Trigger Shutter:	Pulse Width Trigger (V Reset, Non Reset) Edge Preset Trigger (V Reset Non-Reset)
Video Output:	Digital: 10 bit Camera Link®
Lens Mount:	C-Mount
Power Supply:	DC12V ± 10%
Power Consumption:	< 2.4W
Performance Temperature:	0 °C ~ +40 °C
Operation Temperature:	-5 °C ~ +45 °C
Dimensions:	28 (W) x 28 (H) x 40 (D) mm (1.12" x 1.12" x 1.6")
Weight:	43g (1.51 oz.)

Sensor Technologies America, Inc.

1345 Valwood Parkway, Suite 320 :: Carrollton, Texas 75006

Phone: (972) 481-9223 :: Fax: (972) 481-9209 :: Toll Free: (877)SENTECH (736-8324)

www.SentechAmerica.com

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Image Sensor:

Mechanical Drawings

