

## STC-CL33A

The STC-CL33A is a 1/3" mega pixel monochrome cubic camera with digital Camera Link® output. The camera produces a 659 x 494 resolution image.



**STC-CL33A**

Images shown not actual size

### Features

- 1/3" Monochrome CCD
- 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" Monochrome IT CCD
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.:	36.818MHz
Horizontal Frequency:	47.2028kHz
Vertical Frequency:	89.91Hz
Minimum Illumination:	1 lux @ F1.2
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:	Adjustable Fixed Gain
Electronic Shutter:	Variable, Can be set at H and 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:	12V DC
Power Consumption:	< 2.4W
Operation Temperature:	-10°C ~ 45°C (14°F ~ 113°F)
Dimensions:	28 (W) x 28 (H) x 40 (D) mm (1.12" x 1.12" x 1.6")
Weight:	43g (1.51 oz.)

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Image Sensor:

### Mechanical Drawings

