

## STC-A33A

The STC-A33A is a 1/3" monochrome progressive scan cased cubic camera with 648 x 494 resolution, 90fps, analog output and pulse variable integration shutter trigger.



STC-A33A

Images shown not actual size

### Features

- VGA
- 1/3" Monochrome IT CCD
- Analog
- Compact Size
- Progressive Scan
- Electronic Shutter

### Specifications >>

Image Sensor:	1/3" Monochrome IT CCD
Signal Format:	Progressive
Effective Picture Element:	692 (H) x 504 (V)
Active Picture Element:	648 (H) x 494 (V)
Cell Size:	4.65 (H) x 4.65 (V) $\mu$ m
Chip Size:	5.80 (H) x 4.92 (V) mm
Horizontal Drive Freq.:	29.5MHz
Horizontal Frequency:	23.235kHz
Vertical Frequency:	29.2Hz
Min. Scene Illumination:	1 lux @ F1.2
Sync System:	Internal and External (HD/VD) Automatically
Scanning System:	Progressive
Scanning Method:	Full Scan/Partial Scan (1/2, 1/4)
Frame Rate:	60fps or 90fps (At Full Scan)
S/N Ratio:	50dB (Gain 0dB)
Gamma:	1
Gain:	AGC/Manual Gain
Electronic Shutter:	Variable, can be set at every H and clock
Trigger Shutter:	Pulse Width Trigger (3-1/100,000 second) Edge Preset Trigger (10 Steps)
Video Output:	Digital: 10bit Camera Link®
Lens Mount:	C-Mount
Power Supply:	DC12V $\pm$ 10%
Power Consumption:	< 2.4W
Operation Temperature:	-10°C ~ +45°C
Dimensions:	28 (W) x 28 (H) x 40 (D)mm (1.12" x 1.12" x 1.6")
Weight:	52g (1.83 oz.)

Sensor Technologies America, Inc.

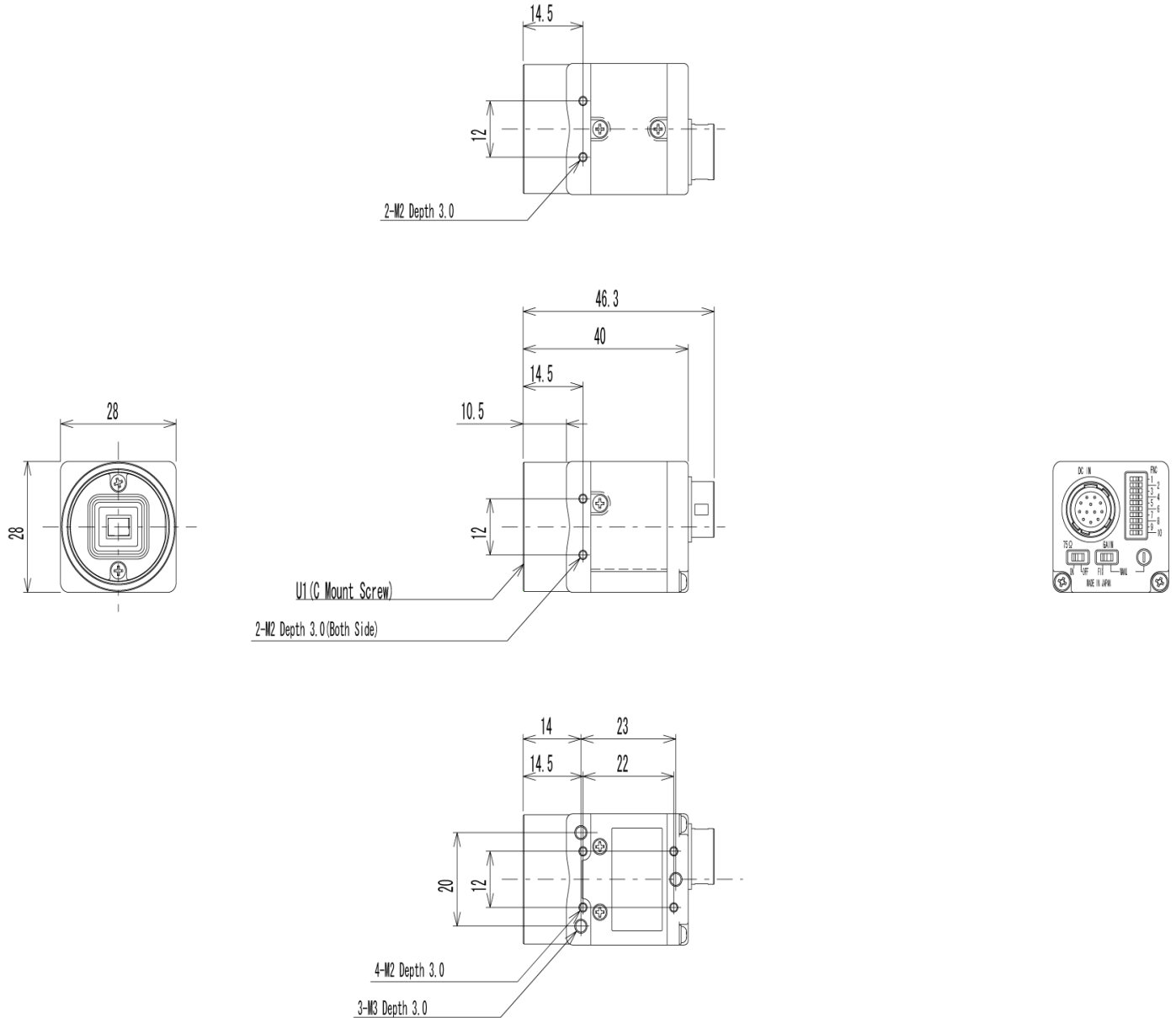
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### Mechanical Drawings



**Note:** (Dimensions are given in mm)