

1stVision

MC-F433C

***Extremely low cost color
VGA Firewire camera***

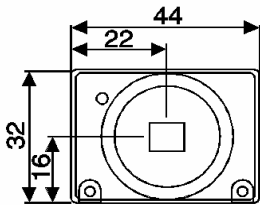


- 1/4" Progressive scan Sony VGA 30 fps CCD sensor
- 400 Mb/s IEEE 1394A DCAM compliant output (x2)
- 659 x 494 active pixels
- 5.6 x 5.6um pixels
- Small size 44W x 33H x 93D mm
- High Sensitivity
- High S/N ratio > 56db
- Auto Gain
- Shutter from 1/3,000 to 1/30 sec
- C-mount lens interface

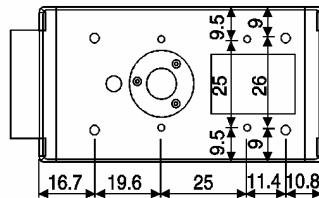
Detailed Specifications

Sensor	1/4" Color Sony IT CCD
Effective # of elements	659 x 494 (EIA)
Element Size	5.6 x 5.6 um
S/N ratio	> 56 db
Sensitivity of sensor	2 lux at F2.0
Gain	AGC/Manual
Gamma	1
Shutter	1/30 - 1/3,000 sec
Output	1394 2 Ports IIDC V1.3
Data Rate	400 Mbps
Synchronization	HD/VD Internal
Horizontal Freq	15.734 KHz
Frame Rate	30 fps @ full resolution
Scanning System	Progressive
Video Resolution	570 TVL
Power	8 - 30V 12V from 1394 Cable
Power Consumption	~1.0W
Shock	70G
Vibration	10G
Operating Temp	-10 - 45 Deg C
Humidity	20-80% Non condensing
Dimensions	44W x 32H x 93D mm
Weight	~ 300g
Lens Mount	C mount

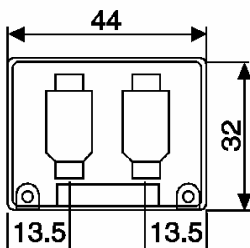
Dimensions and Mechanical



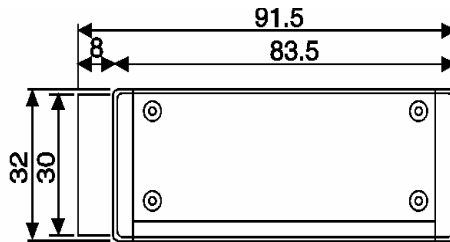
FRONT



BOTTOM



END



SIDE

1stVision Inc.
 200 Brickstone Sq.
 Andover, MA 01810
 978.474.0044
 www.1stvision.com

1stVision Inc.

Specifications subject to change without notice