UI-2220ME-C-HQ Rev.3 (AB.0010.1.61100.24)

Discontinued
The model has been discontinued.

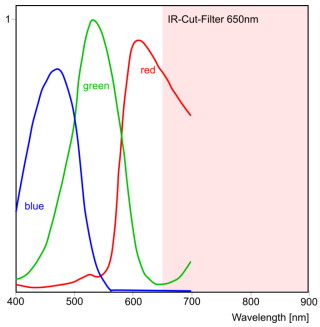




Specification

Sensor

Sensor type	CCD Color
Shutter	Global Shutter
Sensor characteristic	Linear
Readout mode	Progressive scan
Pixel Class	0.4 MP
Resolution	0.44 Mpix
Resolution (h x v)	768 x 576 Pixel
Aspect ratio	4:3
ADC	12 bit
Color depth (camera)	12 bit
Optical sensor class	1/2""
Optical Size	6.374 mm x 4.781 mm
Optical sensor diagonal	7.97 mm (1/2.01")
Pixel size	8.3 µm
Manufacturer	Sony
Sensor Model	ICX415AQ
Gain (master/RGB)	8.9x/4x
AOI horizontal	same frame rate
AOI vertical	increased frame rate
AOI image width / step width	16 / 4
AOI image height / step width	120 / 2
AOI position grid (horizontal/vertical)	2 / 2
Binning horizontal	same frame rate
Binning vertical	increased frame rate
Binning method	Mono
Binning factor	2 / 3 / 4
Subsampling horizontal	-
Subsampling vertical	-
Subsampling method	-
Subsampling factor	-



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Model

Pixel clock range	10 MHz - 41 MHz
Frame rate freerun mode	71
Frame rate trigger (maximum)	71
Exposure time (minimum - maximum)	0.018 ms - 120000 ms
Power consumption	1.1 W - 1.9 W
Special features	Overlap trigger

Ambient conditions

The temperature values given below refer to the outer device temperature of the camera housing.

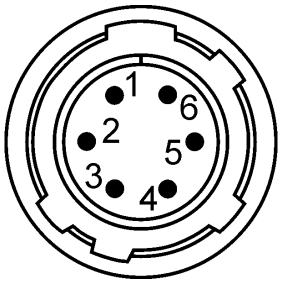
Device temperature during operation	0 °C - 55 °C / 32 °F - 131 °F
Device temperature during storage	-20 °C - 60 °C / -4 °F - 140 °F
Humidity (relative, non-condensing)	20 % - 80 %

Connectors

Interface connector	USB 2.0 mini-B, screwable
I/O connector	6-pin Hirose connector (HR10A-7R-6PB)
Power supply	USB cable

Pin assignment I/O connector

1	Ground (GND)
2	USB Power supply (VCC) 5 V
3	Trigger input with optocoupler (-)
4	Trigger input with optocoupler (+)
5	Flash output with optocoupler (+)
6	Flash output with optocoupler (-)

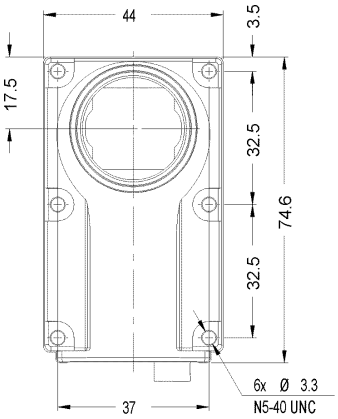


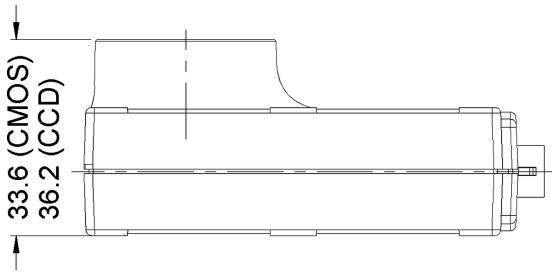
Camera rear view

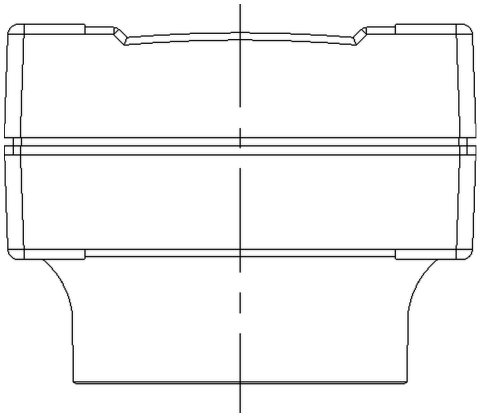
Design

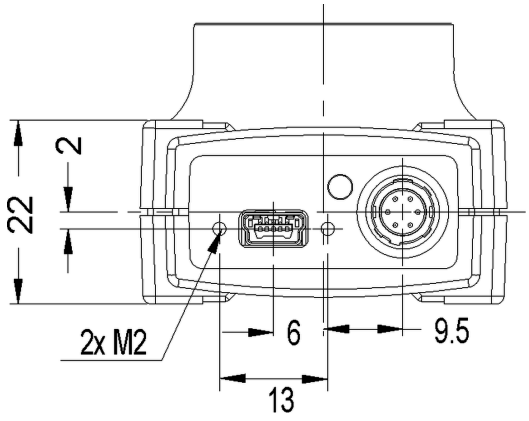
Lens Mount	C-Mount
IP code	IP30
Dimensions H/W/L	74.6 mm x 44.0 mm x 36.2 mm
Mass	180 g

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