

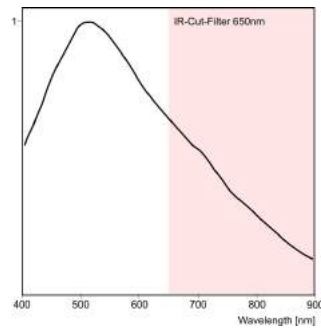
UI-2340SE-M-GL Rev.3



Specification

Sensor

Sensor Technology	CCD
Manufacturer	Sony
Resolution (h x v)	1360 x 1024
Color depth (sensor)	12 bit
Color depth (camera)	12 bit
Pixel Class	1.x MP
Sensor Size	1/2"
Shutter	Global shutter
max. fps in Freerun Mode	23.0
Binning Modes	Mono
Subsampling Modes	-
Sensor Model	ICX267AL
Pixel size	4.65 μm
Optical Size	4.762 mm x 6.324 mm



Design

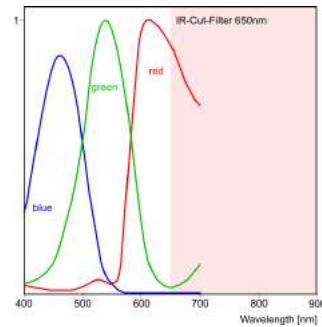
Interface	USB 2
Lens Mount	C-Mount
I/O In	1 x Opto
I/O Out	1 x Opto
I/O RS-232	-
I/O GPIO	-
I/O I2C	-
Protection Class	IP30
Dimensions H/W/L	34.0 mm x 32.0 mm x 41.0 mm
Mass	79 g
Power supply	USB Cable



Specification

Sensor

Sensor type	CCD Color
Shutter	Global Shutter
Sensor characteristic	Linear
Readout mode	Progressive scan
Pixel Class	SXGA
Resolution	1.39 Mpix
Resolution (h x v)	1360 x 1024 Pixel
Aspect ratio	4:3
ADC	12 bit
Color depth (camera)	12 bit
Sensor Size	1/2"
Optical Size	6.324 mm x 4.762 mm
Optical sensor diagonal	7.92 mm (1/2.02")
Pixel size	4.65 µm
Manufacturer	Sony
Sensor Model	ICX267AK
Gain (master/RGB)	-/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)	1 / 1
Binning horizontal	-
Binning vertical	-
Binning method	Mono
Binning factor	2 / 3 / 4
Subsampling horizontal	-
Subsampling vertical	-
Subsampling method	-
Subsampling factor	-



UI-2340SE-C-HQ Rev.3

Model

Pixel clock range	10 MHz - 43 MHz
Frame rate freerun mode	23.0 fps
Frame rate trigger	23.0 fps
Exposure time (minimum - maximum)	0.024 ms - 120000 ms
Power consumption	1.2 W - 2 W

Ambient conditions

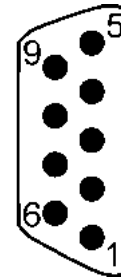
Ambient temperature	0 °C - 50 °C / 32 °F - 122 °F
Storage temperature	-20 °C - 60 °C / -4 °F - 140 °F
Relative humidity	20 % - 80 %

Connectors

Interface connector	USB 2.0 mini-B, screwable
I/O connector	9-pin micro D-Sub socket (MPE Garry 11-0021-50-09L)
Power supply	USB cable

Pin assignment I/O connector

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



Design

Lens Mount	C-Mount
IP code	IP30
Dimensions H/W/L	34.0 mm x 32.0 mm x 48.3 mm
Mass	79 g

