

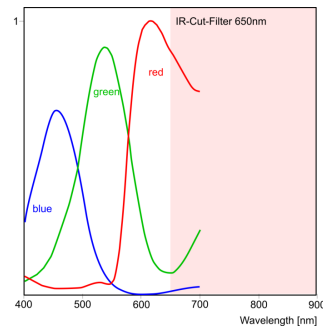
## UI-2140RE-C-HQ Rev.3



## Specification

### Sensor

Sensor Technology	CCD Color
Manufacturer	Sony
Resolution (MPix)	1.23
Resolution (h x v)	1280 x 960
ADC	12 bit
Color depth (camera)	12 bit
Pixel Class	SXGA-
Sensor Size	1/3"
Shutter	Global shutter
max. fps in Freerun Mode	25.0
Binning Modes	Mono
Subsampling Modes	-
Sensor Model	ICX445AQA
Pixel size	3.75 $\mu\text{m}$
Optical Size	4.800 mm x 3.600 mm
Optical sensor diagonal	6 mm (1/2.67")



### Design

Interface	USB 2
Lens Mount	C-Mount
I/O In	1 x optodecoupled
I/O Out	1 x optodecoupled
I/O RS-232	-
I/O GPIO	-
I/O I <sup>2</sup> C	-
IP code	IP65/67
Dimensions H/W/L	41.0 mm x 41.0 mm x 55.5 mm
Mass	175 g
Power supply	USB Cable

Subject to technical modifications

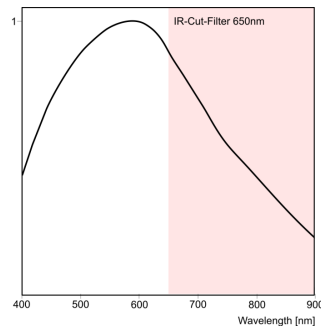
## UI-2140RE-M-GL Rev.3



## Specification

### Sensor

Sensor Technology	CCD Mono
Manufacturer	Sony
Resolution (MPix)	1.23
Resolution (h x v)	1280 x 960
ADC	12 bit
Color depth (camera)	12 bit
Pixel Class	SXGA-
Sensor Size	1/3"
Shutter	Global shutter
max. fps in Freerun Mode	25.0
Binning Modes	Mono
Subsampling Modes	-
Sensor Model	ICX445ALA
Pixel size	3.75 $\mu\text{m}$
Optical Size	4.800 mm x 3.600 mm
Optical sensor diagonal	6 mm (1/2.67")



### Design

Interface	USB 2
Lens Mount	C-Mount
I/O In	1 x optodecoupled
I/O Out	1 x optodecoupled
I/O RS-232	-
I/O GPIO	-
I/O I <sup>2</sup> C	-
IP code	IP65/67
Dimensions H/W/L	41.0 mm x 41.0 mm x 55.5 mm
Mass	175 g
Power supply	USB Cable

Subject to technical modifications

## Pin assignment I/O connector

1	Digital input (+)
2	Digital input (-)
3	Digital output (-)
4	Digital output (+)

