

USB UI-2140SE

The UI-2140SE is an ideal all-round camera with USB 2.0 interface and Sony CCD sensor in 1.2 Megapixel resolution (1280x960 pixels). Both digital I/Os for trigger and flash control are opto-coupled and accept signals with up to 30 V. A variety of cable types with robust, lockable connectors complements the model range. With its compact metal housing and M3 mounting holes the UI-2140SE is ideally suited for use in automation and quality inspection. For OEMs we offer versions without housing and front flange on request.



Specification

The characteristics at a glance

Interface	USB
Lens Mount	C-Mount
Sensor Technology	CCD (Sony)
Model Description (color)	UI-2140SE-C
Model Description (mono)	UI-2140SE-M
Resolution (h x v)	1280 x 960
Resolution Depth	8bit (14bit ADC)
Resolution Category / Pixel Class	1.2 Megapixel
Sensor Size	1/3"
Shutter	Global
max. fps in Freerun Mode	25 fps
Exposure Time in Freerun Mode	52µs - 1188ms
Exposure Time in Trigger Mode	52µs - 1188ms
AOI Modes	---
Binning Modes	---
Subsampling Modes	---
I/O - Strobe	1
I/O - Trigger	1
I/O - RS-232	-
I/O - GPIO	-
I/O - I2C	-
HDR (High Dynamic Range)	-
Sensor Model (m/c)	ICX445ALA / ICX445AQA
Pixelpitch in µm	3.75
Optical Size	4.800 x 3.600 mm
Protection Classes	IP30
Dimensions H/W/L	34.00 mm, 32.00 mm, 34.40 mm
Mass	74.00 g
Power Supply	USB