

USB UI-1550SE

The UI-1550SE is an ideal all-round camera with USB 2.0 interface and Aptina CMOS sensor in 2 Megapixel resolution (1600x1200 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-1550SE 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	CMOS (Aptina)
Model Description (color)	UI-1550SE-C
Model Description (mono)	---
Resolution (h x v)	1600 x 1200
Resolution Depth	8bit (10bit ADC)
Resolution Category / Pixel Class	2 Megapixel
Sensor Size	1/3"
Shutter	Rolling
max. fps in Freerun Mode	18 fps
Exposure Time in Freerun Mode	38µs-12,8s
Exposure Time in Trigger Mode	38µs-12,8s
AOI Modes	horizontal + vertical
Binning Modes	horizontal + vertical
Subsampling Modes	horizontal + vertical
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)	- / MT9D131STC
Pixelpitch in µm	2.80
Optical Size	4.480 x 3.360 mm
Protection Classes	IP30
Dimensions H/W/L	34.00 mm, 32.00 mm, 27.40 mm
Mass	62.00 g
Power Supply	USB

