

USB UI-1540SE

The UI-1540SE is an ideal all-round camera with USB 2.0 interface and Aptina CMOS sensor in 1.3 Megapixel resolution (1280x1024 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-1540SE 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)	---
Model Description (mono)	UI-1540SE-M
Resolution (h x v)	1280 x 1024
Resolution Depth	8bit (10bit ADC)
Resolution Category / Pixel Class	1.3 Megapixel
Sensor Size	1/2"
Shutter	Rolling
max. fps in Freerun Mode	25 fps
Exposure Time in Freerun Mode	35µs-980ms
Exposure Time in Trigger Mode	35µs-980ms
AOI Modes	horizontal + vertical
Binning Modes	---
Subsampling Modes	horizontal + vertical
I/O - Strobe	1
I/O - Trigger	1
I/O - RS-232	-
I/O - GPIO	0
I/O - I2C	-
HDR (High Dynamic Range)	-
Sensor Model (m/c)	MT9M001STM / -
Pixelpitch in µm	5,20
Optical Size	6,656 x 5,325 mm
Protection Classes	IP30
Dimensions H/W/L	34,00 mm, 32,00 mm, 27,40 mm
Mass	62,00 g
Power Supply	USB

