

## USB 2 UI-1580SE-C

The UI-1580SE-C is an ideal all-round camera with USB 2.0 interface and Aptina CMOS sensor in 5 Megapixel resolution (2560x1920 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-1580SE-C 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 2
Lens Mount	C-Mount
Sensor Technology	CMOS (Aptina)
Model Description (color)	UI-1580SE-C
Model Description (mono)	---
Resolution (h x v)	2560 x 1920
Resolution Depth	8bit (12bit ADC)
Resolution Category / Pixel Class	5 Megapixel
Sensor Size	1/2"
Shutter	Rolling Shutter + Global Start
max. fps in Freerun Mode	6 fps
Exposure Time in Freerun Mode	75µs - 2745ms
Exposure Time in Trigger Mode	75µs - 2745ms
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)	- / MT9P006STC
Pixelpitch in µm	2.20
Optical Size	5.632 x 4.224 mm
Protection Classes	IP30
Dimensions H/W/L	34.00 mm, 32.00 mm, 27.40 mm
Mass	62.00 g
Power Supply	USB

