

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. This camera model incorporates the color sensor MT9P006STC from Aptina.



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	65.00 g
Power Supply	USB

