

USB 2 UI-1580LE-C

The UI-1580LE-C is an extremely compact camera with modern Aptina CMOS sensor in 5 Megapixel resolution (2560x1920 pixels). Through the use of the widespread USB 2.0 technology the camera can be interfaced with a vast variety of systems without problems. The light-weight housing of the UI-1580LE-C features a C/CS lens mount with adjustable flange back distance.



Specification

The characteristics at a glance

Interface	USB 2
Lens Mount	C-Mount CS-Mount
Sensor Technology	CMOS (Aptina)
Model Description (color)	UI-1580LE-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	-
I/O - Trigger	-
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	44.00 mm, 44.00 mm, 25.40 mm
Mass	32.00 g
Power Supply	USB

