

## USB 2 UI-1580ME-C

The UI-1580ME-C with USB 2.0 interface features a CMOS sensor from Aptina in 5 Megapixel resolution (2560x1920 pixels). The e2v sensor combines the features and advantages of CCD and CMOS with its extremely high sensitivity, an unrivalled level of CMOS sensor color fidelity and the global shutter functionality. Its right-angle rugged metal housing has a depth of only 22 mm and can be front-mounted via six mounting holes. The digital I/Os for trigger and flash control (opto-coupled, up to 30 V) are interfaced using a lockable Hirose connector.



## Specification

### The characteristics at a glance

Interface	USB 2
Lens Mount	C-Mount
Sensor Technology	CMOS (Aptina)
Model Description (color)	UI-1580ME-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	74.60 mm, 44.00 mm, 22.00 mm
Mass	164.00 g
Power Supply	USB

