

## USB 2 UI-1240ML

The UI-1240ML features an e2v CMOS sensor with 1.3 Megapixel resolution (1280x1024 Pixel).

The camera offers opto-decoupled I/Os for trigger and strobe as well as two GPIOs via its Hirose connector. The uEye ML is perfectly suited for space limited applications, e. g. embedded systems or apparatus engineering due to its compact and lightweight magnesium housing and the combined data transfer and power supply via the USB bus.

These camera models incorporate the monochrome/color sensors EV76C560BB/ EV76C560BC from e2v.



## Specification

### The characteristics at a glance

Interface	USB 2
Lens Mount	C-Mount CS-Mount
Sensor Technology	CMOS (e2v)
Model Description (color)	UI-1240ML-C
Model Description (mono)	UI-1240ML-M
Resolution (h x v)	1280 x 1024
Resolution Depth	8bit (10bit ADC)
Resolution Category / Pixel Class	1.3 Megapixel
Sensor Size	1/1.8"
Shutter	Global
max. fps in Freerun Mode	25 fps
Exposure Time in Freerun Mode	
Exposure Time in Trigger Mode	
AOI Modes	horizontal + vertical
Binning Modes	horizontal
Subsampling Modes	---
I/O - Strobe	1
I/O - Trigger	1
I/O - RS-232	-
I/O - GPIO	2
I/O - I2C	-
HDR (High Dynamic Range)	-
Sensor Model (m/c)	EV76C560BB / EV76C560BC
Pixelpitch in $\mu\text{m}$	5.30
Optical Size	6.784 x 5.427 mm
Protection Classes	IP30
Dimensions H/W/L	44.00 mm, 44.00 mm, 18.00 mm
Mass	37.00 g
Power Supply	USB

