

USB 2 UI-1240ML-NIR

The UI-1240ML will be available week starting 1 October 2012.
 The UI-1240ML-NIR features the 1,3 Megapixel e2v EV76C661 NIR sensor with outstanding near-infrared sensitivity of 40% at 850 nm and a QE of 70% maximum. 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.
 This camera model incorporates the monochrome sensor EV76C661ABT from e2v.



Specification

The characteristics at a glance

Interface	USB 2
Lens Mount	C-Mount CS-Mount
Sensor Technology	CMOS (e2v)
Model Description (color)	---
Model Description (mono)	UI-1240ML-NIR
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)	EV76C661ABT / -
Pixelpitch in μm	5.30
Optical Size	6.784 x 5.247 mm
Protection Classes	IP30
Dimensions H/W/L	44.00 mm, 44.00 mm, 18.00 mm
Mass	37.00 g
Power Supply	USB

