

## GigE UI-5241LE-NIR

The UI-5241LE-NIR is a very compact board-level camera (45x45x15.1 mm). The camera UI-5241LE-NIR offers great flexibility thanks to its GigE interface and hence a cable length of up to 100 metres.  
 Power (12-24 V) is supplied by an external bus either via a 2-pole marshaling panel or a 10-pole connector, which also offers trigger-in, flash-out and 2GPIOs. Additionally the camera features two status LEDs.  
 The models UI-5241LE are equipped with a M12 lens holder, in contrast to models UI-5242LE, which are supplied without a lens holder.  
 The 1.3 Megapixel NIR sensor from e2v offers an exceptional performance in the near infrared range (40 % at 850 nm) and a maximum QE of 70%.  
 Available from Q3/4 2012<p>This camera model incorporates the monochrome sensor EV76C661ABT from e2v.</p>



## Specification

### The characteristics at a glance

Interface	GigE
Lens Mount	S-Mount
Sensor Technology	CMOS (e2v)
Model Description (color)	---
Model Description (mono)	UI-5241LE-NIR
Resolution (h x v)	1280 x 1024
Resolution Depth	12bit (10bit ADC)
Resolution Category / Pixel Class	1.3 Megapixel
Sensor Size	1/1.8"
Shutter	Global
max. fps in Freerun Mode	50 fps
Exposure Time in Freerun Mode	9µs - 2000ms
Exposure Time in Trigger Mode	9µs - 2000ms
AOI Modes	horizontal + vertical
Binning Modes	horizontal + vertical
Subsampling Modes	scaler
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
Dimensions H/W/L	45.00 mm, 45.00 mm, 26.40 mm
Mass	14.00 g
Power Supply	12 - 24 V

