

## GigE UI-5240RE

The UI-5240RE is a GigE camera with e2v CMOS sensor in 1.3 Megapixel resolution (1280x1024 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 extremely rugged housing meets the IP65 / IP67 protection classes when used together with an optional lens tube. The connectors for power and digital I/Os (opto-coupled, up to 30 V) as well as the GigE port are also splash water proof.



## Specification

### The characteristics at a glance

Interface	GigE
Lens Mount	C-Mount
Sensor Technology	CMOS (e2v)
Model Description (color)	UI-5240RE-C
Model Description (mono)	UI-5240RE-M
Resolution (h x v)	1280 x 1024
Resolution Depth	10bit (10bit ADC)
Resolution Category / Pixel Class	1.3 Megapixel
Sensor Size	1/2"
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	---
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)	EV76C560BB / EV76C560BC
Pixelpitch in µm	5.30
Optical Size	6.784 x 5.427 mm
Protection Classes	IP65/67
Dimensions H/W/L	53.00 mm, 41.00 mm, 42.70 mm
Mass	168.00 g
Power Supply	12 - 24V