

GigE UI-5240SE

The UI-5240SE is a highly compact 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. Besides the lockable RJ45 port for GigE, the UI-5240SE comes with a 6-pin Hirose connector for power and digital I/Os (opto-coupled, up to 30 V).



Specification

The characteristics at a glance

Interface	GigE
Lens Mount	C-Mount
Sensor Technology	CMOS (e2v)
Model Description (color)	UI-5240SE-C
Model Description (mono)	UI-5240SE-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	9µ-17209ms
Exposure Time in Trigger Mode	9µ-17209ms
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	IP30
Dimensions H/W/L	34.00 mm, 44.00 mm, 43.50 mm
Mass	108.00 g
Power Supply	12 V