

USB 3 UI-3240CP

The UI-3240CP is an ultra-compact and lightweight industrial camera offering a 1.3 Megapixel CMOS sensor from e2v with a resolution of 1280 x 1024 pixel.

The digital I/Os include trigger, flash and two GPIOs are optically isolated and are connected via a Hirose connector. The camera offers a high bandwidth of 400 MByte/s and hence multi-camera systems or data intensive applications are easily realized. Thanks to its lightweight magnesium housing the camera is particularly suited for applications offering limited space, e.g. in quality control.

Available at the end of Q1/2012.



Specification

The characteristics at a glance

Interface	USB 3
Lens Mount	C-Mount
Sensor Technology	CMOS (e2v)
Model Description (color)	UI-3240CP-C
Model Description (mono)	UI-3240CP-M
Resolution (h x v)	1280 x 1024
Resolution Depth	10bit (10bit ADC)
Resolution Category / Pixel Class	1.3 Megapixel
Sensor Size	1/1.8"
Shutter	Global
max. fps in Freerun Mode	60 fps
Exposure Time in Freerun Mode	
Exposure Time in Trigger Mode	
AOI Modes	horizontal + vertical
Binning Modes	horizontal + vertical
Subsampling Modes	horizontal + vertical
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 µm	5.30
Optical Size	6.784 x 5.427 mm
Protection Classes	IP30
Dimensions H/W/L	29.00 mm, 29.00 mm, 29.00 mm
Mass	43.00 g
Power Supply	USB

