

GigE UI-5220CP

The UI-5220CP is an ultra-compact camera with Aptina CMOS sensor in Wide VGA resolution (752x480 pixels) and a GigE interface. In addition, the UI-5220CP can also be powered using Power-over-GigE (PoE) or an external mains adaptor. Besides the screw-on RJ45 plug for GigE, the UI-5220CP features a 6-pin Hirose connector for optional power supply and digital in-/outputs (optically decoupled up to 30 V).

Available in Q1 2011



Specification

The characteristics at a glance

Interface	GigE
Lens Mount	C-Mount
Sensor Technology	CMOS (Aptina)
Model Description (color)	UI-5220CP-C
Model Description (mono)	UI-5220CP-M
Resolution (h x v)	752 x 480
Resolution Depth	10bit (10bit ADC)
Resolution Category / Pixel Class	Wide VGA
Sensor Size	1/3"
Shutter	Global
max. fps in Freerun Mode	100 fps
Exposure Time in Freerun Mode	80µs-5.5s
Exposure Time in Trigger Mode	80µs-5.5s
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)	MT9V032STM / MT9V032STC
Pixelpitch in µm	6.00
Optical Size	4.512 x 2.880 mm
Protection Classes	IP30
Dimensions H/W/L	29.00 mm, 29.00 mm, 41.00 mm
Mass	55.00 g
Power Supply	PoE + ext. 12 - 24V

