

GigE UI-5120SE

The UI-5120SE is a highly compact GigE camera with HDR (High Dynamic Range) CMOS sensor in CCIR/PAL resolution (768x576 pixels). Thanks to its logarithmic characteristic this sensor achieves a very high dynamic range of 120 dB, which is about 1,000 times more than conventional sensors can provide. Thus the UI-5120SE is perfectly suited for applications that have very high brightness differences. Besides the lockable RJ45 port for GigE, the UI-5120SE 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 ()
Model Description (color)	---
Model Description (mono)	UI-5120SE-M
Resolution (h x v)	768 x 576
Resolution Depth	12bit (14bit ADC)
Resolution Category / Pixel Class	CCIR/PAL
Sensor Size	1/1.8"
Shutter	Rolling
max. fps in Freerun Mode	50 fps
Exposure Time in Freerun Mode	-
Exposure Time in Trigger Mode	-
AOI Modes	---
Binning Modes	---
Subsampling Modes	---
I/O - Strobe	1
I/O - Trigger	1
I/O - RS-232	-
I/O - GPIO	-
I/O - I2C	-
HDR (High Dynamic Range)	120dB
Sensor Model (m/c)	FX4-M / -
Pixelpitch in μm	10.00
Optical Size	7.680 x 5.760 mm
Protection Classes	IP30
Dimensions H/W/L	34.00 mm, 44.00 mm, 43.50 mm
Mass	108.00 g
Power Supply	12 - 24V

