

## GigE UI-5580SE-C

The UI-5580SE-C is a highly compact GigE camera with Aptina CMOS sensor in 5 Megapixel resolution (2560x1920 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-5580SE-C comes with a 6-pin Hirose connector for power and digital I/Os (opto-coupled, up to 30 V). This camera model incorporates the color sensor MT9P006STC from Aptina.



## Specification

### The characteristics at a glance

Interface	GigE
Lens Mount	C-Mount
Sensor Technology	CMOS (Aptina)
Model Description (color)	UI-5580SE-C
Model Description (mono)	---
Resolution (h x v)	2560 x 1920
Resolution Depth	12bit (12bit ADC)
Resolution Category / Pixel Class	5 Megapixel
Sensor Size	1/2"
Shutter	Rolling Shutter + Global Start
max. fps in Freerun Mode	14 fps
Exposure Time in Freerun Mode	34µs - 3404ms
Exposure Time in Trigger Mode	34µs - 3404ms
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	-
I/O - I2C	-
HDR (High Dynamic Range)	-
Sensor Model (m/c)	- / MT9P006STC
Pixelpitch in µm	2.20
Optical Size	5.632 x 4.224 mm
Protection Classes	IP30
Dimensions H/W/L	34.00 mm, 44.00 mm, 43.50 mm
Mass	102.00 g
Power Supply	12 - 24 V

