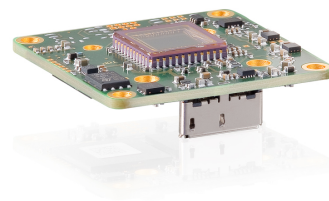
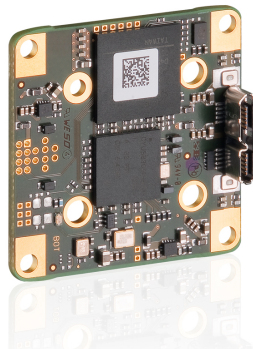
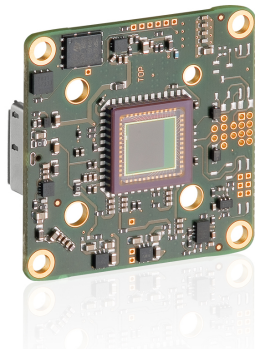


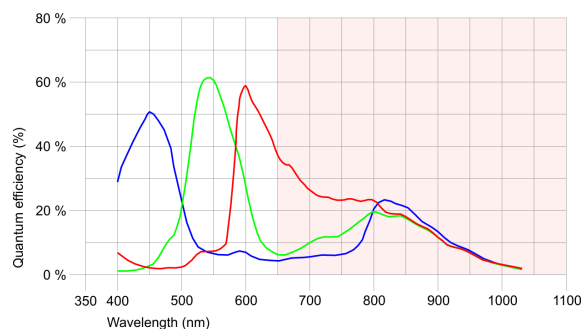
UI-3582LE-C



Specification

Sensor

Sensor Technology	CMOS Color
Manufacturer	Aptina
Resolution (MPix)	5.00
Resolution (h x v)	2560 x 1920
ADC	12 bit
Color depth (camera)	12 bit
Pixel Class	5 MP
Sensor Size	1/2
Shutter	Rolling shutter/Global start shutter
max. fps in Freerun Mode	15.2
Binning Modes	Color
Subsampling Modes	Color
Sensor Model	MT9P006STC
Pixel size	2.2 μm
Optical Size	5.632 mm x 4.224 mm
Optical sensor diagonal	7.04 mm (1/2.27")



Design

Interface	USB 3
Lens Mount	-
I/O In	1 x TTL
I/O Out	1 x TTL
I/O RS-232	-
I/O GPIO	2
I/O I ² C	1
IP code	-
Dimensions H/W/L	36.0 mm x 36.0 mm x 9.8 mm
Mass	8 g
Power supply	USB Cable

Subject to technical modifications

UI-3582LE-C

Pin assignment I/O connector

1	USB Power supply (VCC) 5V
2	USB Ground (GND)
3	Digital input (+)
4	Digital output (+)
5	GPI01
6	GPI02
7	I2C bus clock signal
8	I2C bus data signal

