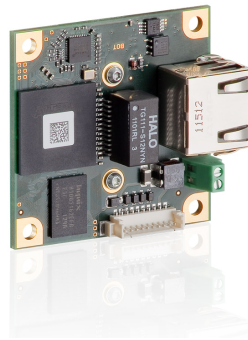
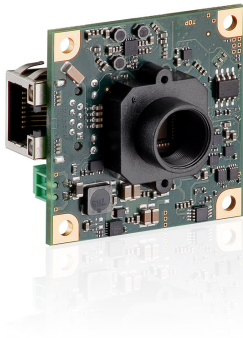


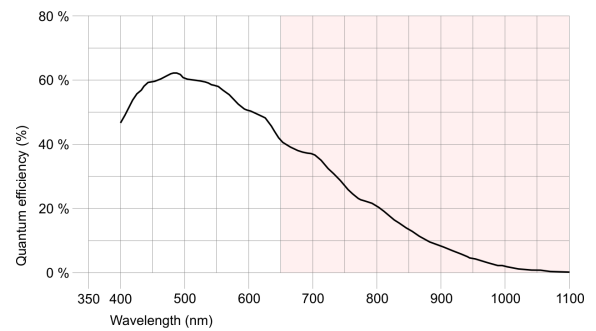
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Specification

Sensor

Sensor Technology	CMOS Mono
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	14.1
Binning Modes	Color
Subsampling Modes	Color
Sensor Model	MT9P031STM
Pixel size	2.2 μ m
Optical Size	5.632 mm x 4.224 mm
Optical sensor diagonal	7.04 mm (1/2.27")



Design

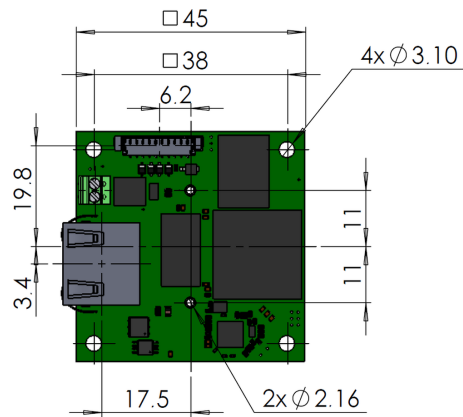
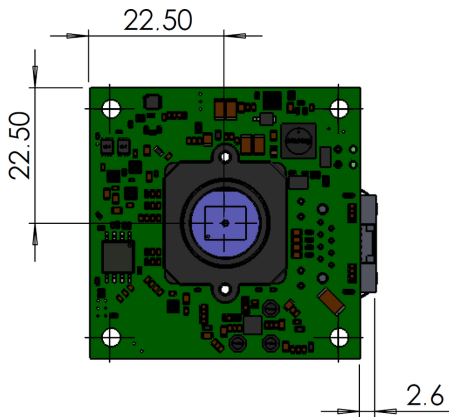
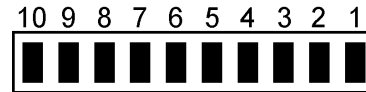
Interface	GigE
Lens Mount	M12-long
I/O In	1 x TTL
I/O Out	1 x TTL
I/O RS-232	-
I/O GPIO	2
I/O I ² C	1
IP code	-
Dimensions H/W/L	45.0 mm x 45.0 mm x 26.4 mm
Mass	24 g
Power supply	12V - 24V

Subject to technical modifications

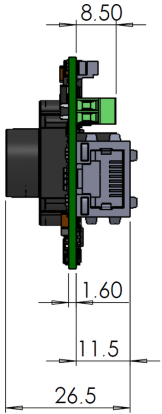
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Pin assignment I/O connector

1	Ground (GND)
2	Vout 3,1 V max. 100 mA
3	Trigger input
4	Flash output
5	GPI01
6	GPI02
7	I2C bus clock signal
8	I2C bus data signal
9	Vin+ 12 V (160 mA) - 24 V (90 mA)
10	Vin-



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