

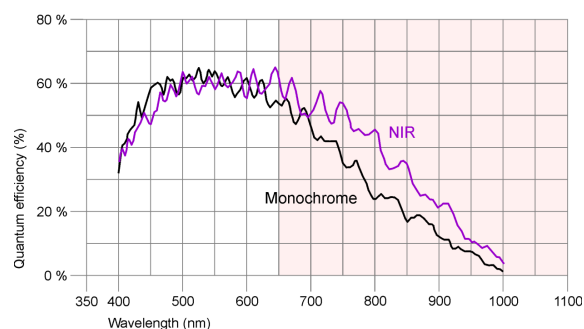
UI-3370CP-NIR-GL



Specification

Sensor

Sensor Technology	CMOS Mono
Manufacturer	CMOSIS
Resolution (MPix)	4.00
Resolution (h x v)	2048 x 2048
ADC	12 bit
Color depth (camera)	12 bit
Pixel Class	4 MP
Sensor Size	1"
Shutter	Global shutter
max. fps in Freerun Mode	80.0
Binning Modes	-
Subsampling Modes	M/C automatic
Sensor Model	CMV4000-3E12M1PP
Pixel size	5.5 µm
Optical Size	11.264 mm x 11.264 mm
Optical sensor diagonal	15.93 mm (1/1")



Design

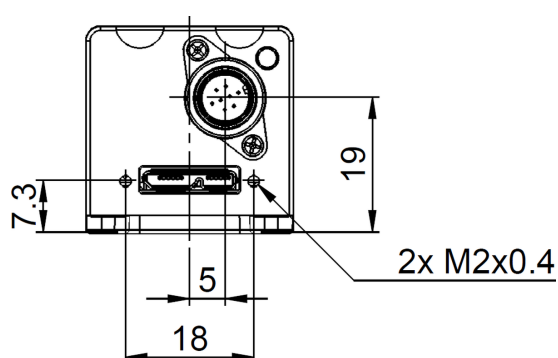
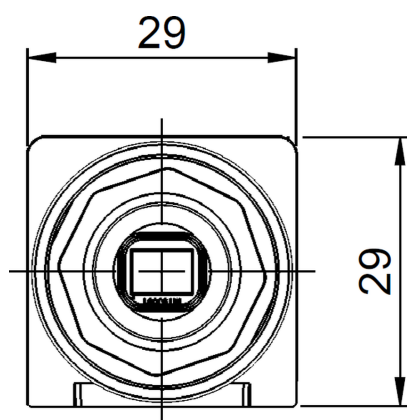
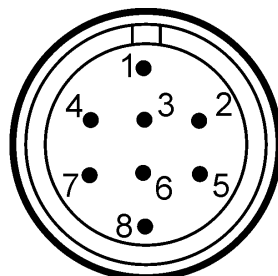
Interface	USB 3
Lens Mount	C-Mount
I/O In	1 x optodecoupled
I/O Out	1 x optodecoupled
I/O RS-232	1
I/O GPIO	2
I/O I ² C	-
IP code	IP30
Dimensions H/W/L	29.0 mm x 29.0 mm x 29.0 mm
Mass	44 g
Power supply	USB Cable

Subject to technical modifications

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Pin assignment I/O connector

1	Ground (GND)
2	Flash output, opto-decoupled (-)
3	GPI01
4	Trigger input, opto-decoupled (-)
5	Flash output, opto-decoupled (+)
6	GPI02
7	Trigger input, opto-decoupled (+)
8	Output supply voltage, 5V (100mA)



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