

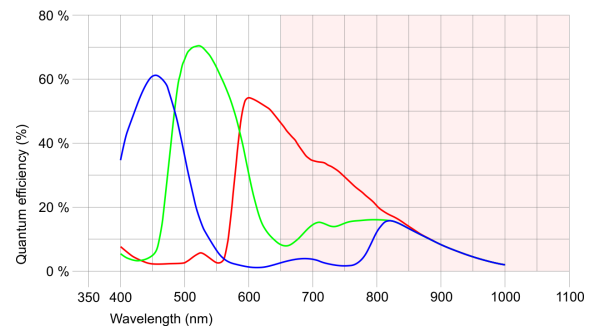
UI-5260CP-C-HQ



Specification

Sensor

Sensor type	CMOS Color
Shutter	Global Shutter
Sensor characteristic	Linear
Readout mode	Progressive scan
Pixel Class	2 MP
Resolution	2.35 Mpix
Resolution (h x v)	1936 x 1216 Pixel
Aspect ratio	16:10
ADC	12 bit
Color depth (camera)	12 bit
Sensor Size	1/1.2"
Optical Size	11.340 mm x 7.130 mm
Optical sensor diagonal	13.4 mm (1/1.19")
Pixel size	5.86 µm
Manufacturer	Sony
Sensor Model	IMX249LQJ-C
Gain (master/RGB)	-/-
AOI horizontal	same frame rate
AOI vertical	increased frame rate
AOI image width / step width	96 / 8
AOI image height / step width	32 / 2
AOI position grid (horizontal/vertical)	8 / 2
Binning horizontal	-
Binning vertical	-
Binning method	-
Binning factor	-
Subsampling horizontal	same frame rate
Subsampling vertical	same frame rate
Subsampling method	M/C automatic
Subsampling factor	2, 4, 5, 6, 8, 16



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Model

Pixel clock range	30 MHz - 118 MHz
Frame rate freerun mode	41.0 fps
Frame rate trigger	41.0 fps
Exposure time (minimum - maximum)	0.033 ms - 999 ms
Power consumption	1.9 W - 3 W
Special features	Linescan mode

Ambient conditions

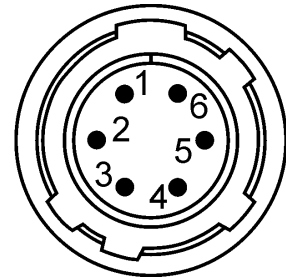
Ambient temperature	0 °C - 40 °C / 32 °F - 104 °F
Storage temperature	-20 °C - 60 °C / -4 °F - 140 °F
Relative humidity	20 % - 80 %

Connectors

Interface connector	GigE RJ45, screwable
I/O connector	6-pin Hirose connector (HR10A-7R-6PB)
Power supply	12 V - 24 V or PoE

Pin assignment I/O connector

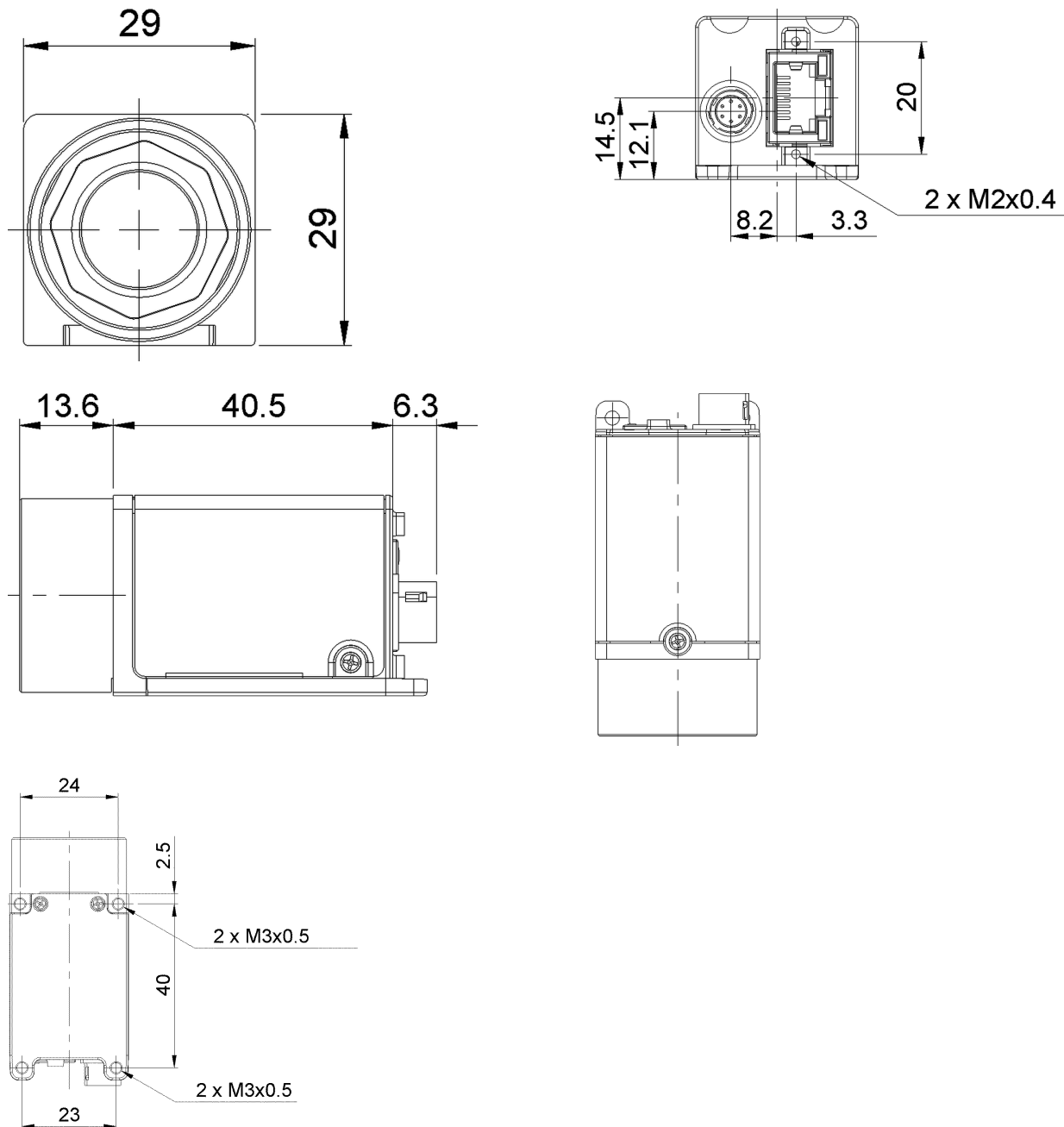
1	Ground (GND)
2	Power supply (VCC) 12-24 V
3	Trigger input with optocoupler (-)
4	Trigger input with optocoupler (+)
5	Flash output with optocoupler (+)
6	Flash output with optocoupler (-)



Design

Lens Mount	C-Mount
IP code	IP30
Dimensions H/W/L	29.0 mm x 29.0 mm x 40.5 mm
Mass	61 g

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Subject to technical modifications

Page 3 of 3

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IDS Imaging Development Systems GmbH

Dimbacher Straße 6 - 8 · 74182 Obersulm · Phone +49 7134 96196-0 · Fax +49 7134 96196-99 · E-Mail info@ids-imaging.de