UI-5260CP-M-GL (AB00700)

In series
The model is in series and available for the long term.



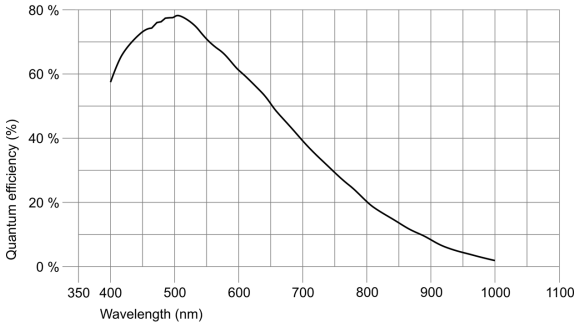


uEye industrial cameras now also work with IDS peak! We recommend the Software Development Kit for the implementation of new projects. Learn about the process here and switch now.
Please note: The technical data given here was measured using the IDS Software Suite.

Specification

Sensor

Sensor type	CMOS Mono
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
Optical sensor class	1/1.2""
Optical Size	11.345 mm x 7.126 mm
Optical sensor diagonal	13.4 mm (1/1.19")
Pixel size	5.86 µm
Manufacturer	Sony
Sensor Model	IMX249LLJ-C
Gain (master/RGB)	24x/4x
AOI horizontal	same frame rate
AOI vertical	increased frame rate
AOI image width / step width	96 / 8
AOI image height / step width	2 / 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



Subject to technical modifications (2024-03-29)

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Model

Pixel clock range	30 MHz - 118 MHz
Frame rate freerun mode	34
Frame rate trigger (continuous)	34
Frame rate trigger (maximum)	41
Exposure time (minimum - maximum)	0.033 ms - 999 ms
Long exposure (maximum)	30000 ms
Power consumption	1.9 W - 3 W
Image memory	60 MB
Special features	IDS line scan mode, Overlap trigger

Ambient conditions

The temperature values given below refer to the outer device temperature of the camera housing.

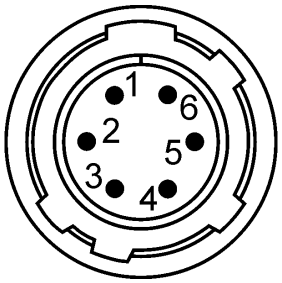
Device temperature during operation	0 °C - 55 °C / 32 °F - 131 °F
Device temperature during storage	-20 °C - 60 °C / -4 °F - 140 °F
Humidity (relative, non-condensing)	20 % - 80 %

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 (-)



Camera rear view

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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