

UI-5290SE-M-GL Rev.4.2 (AB12265)

In series

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





















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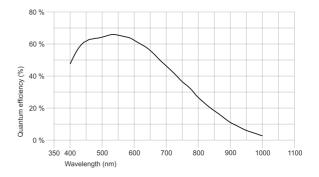


uEye industrial cameras now also work with IDS peak! We recommend the Software Development Kit for the implementation of new projects. <u>Learn about the process here and switch now</u>. Please note: The technical data given here was measured using the IDS Software Suite.

Specification

Sensor

Shutter Global Shutter Sensor characteristic Linear Readout mode Progressive scan Pixel Class 9 MP Resolution 8.92 Mpix Resolution (h x v) 4104 x 2174 Pixel Aspect ratio 17:9 ADC 12 bit Color depth (camera) 12 bit Optical sensor class 1" Optical Size 14.158 mm x 7.500 mm Optical sensor diagonal 16.02 mm Pixel size 3.45 µm Micro lens shift 0.00 Manufacturer Sony Sensor Model IMX267LLR-C Gain (master/RGB) 24x/4x AOI horizontal same frame rate AOI writcal might / step width 256 / 8 AOI image width / step width 2 / 2 AOI position grid (horizontal/vertical) increased frame rate Binning herizontal increased frame rate Binning wertical increased frame rate Binning method Mono Binning factor 2 Subsampling horizontal same frame rate Subsampling method M/C automatic Subsampling method M/C automatic Subsampling factor 2, 4, 6, 8, 16	Sensor type	CMOS Mono
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Subject to technical modifications (2024-04-27)



UI-5290SE-M-GL Rev.4.2 (AB12265)

Model

Pixel clock range	99 MHz - 140 MHz
Frame rate freerun mode (in 8-bit mode)	12 fps
Frame rate trigger (continuous)	12 fps
Frame rate trigger (maximum)	12 fps
Exposure time (minimum - maximum)	0.047 ms - 1000 ms
Long exposure (maximum)	30000 ms
Power consumption	1.7 W - 3.1 W
Image memory	128 MB
Special features	IDS line scan mode Overlap trigger Sensor source gain

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	8-pin Hirose connector (HR25-7TR-8PA(73))
Power supply	12 V - 24 V or PoE

Pin assignment I/O connector



Design

Lens Mount	C-Mount
IP code	IP30
Dimensions H/W/L	34.0 mm x 44.0 mm x 47.0 mm
Mass	107 g