



**In development**

The model is not yet in series production, but will be introduced shortly.

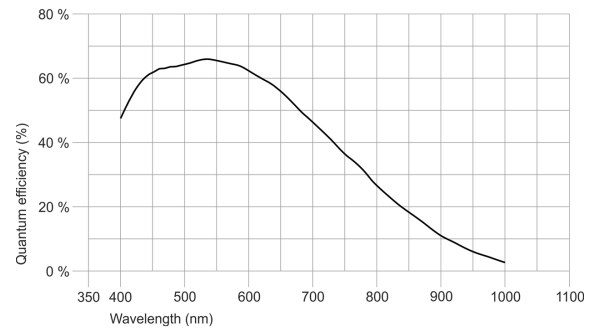


## Specification

**- PRELIMINARY -**

### Sensor

Sensor type	CMOS Mono
Shutter	Global Shutter
Sensor characteristic	Linear
Readout mode	Progressive scan
Pixel Class	3 MP
Resolution	3.15 Mpix
Resolution (h x v)	2048 x 1536 Pixel
Aspect ratio	4:3
ADC	12 bit
Color depth (camera)	12 bit
Optical sensor class	1/1.8"
Optical Size	7.066 mm x 5.300 mm
Optical sensor diagonal	8.83 mm (1/1.81")
Pixel size	3.45 µm
Manufacturer	Sony
Sensor Model	IMX265LLR-C
Gain (master/RGB)	24x/4x
AOI horizontal	same frame rate
AOI vertical	increased frame rate
AOI image width / step width	265 / 8
AOI image height / step width	1 / 1
AOI position grid (horizontal/vertical)	8 / 1
Binning horizontal	-
Binning vertical	increased frame rate
Binning method	M/C automatic
Binning factor	2
Subsampling horizontal	same frame rate
Subsampling vertical	same frame rate
Subsampling method	M/C automatic
Subsampling factor	2, 4, 8



## Model

Frame rate freerun mode	58
Frame rate trigger (continuous)	58
Frame rate trigger (maximum)	58
Exposure time (minimum - maximum)	0.025 ms - 1900 ms
Long exposure (maximum)	90000 ms
Power consumption	1 W - 2 W

## 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 - 80 °C / -4 °F - 176 °F
Humidity (relative, non-condensing)	20 % - 80 %

## Connectors

Interface connector	USB Type-C
I/O connector	-
Power supply	USB cable

## Design

Lens Mount	S-Mount
IP code	IP30
Dimensions H/W/L	47.0 mm x 46.0 mm x 25.0 mm
Mass	37 g