



In series

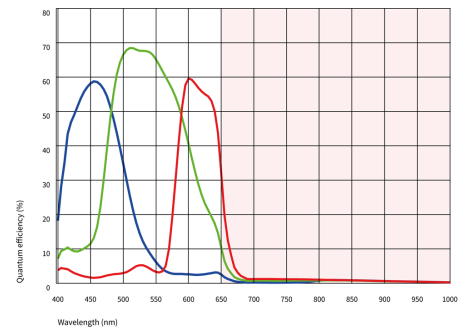
The model is in series and available for the long term.



Specification

Sensor

Sensor type	CMOS Color
Shutter	Rolling shutter
Sensor characteristic	Linear
Readout mode	Progressive scan
Pixel Class	8 MP
Resolution	8.41 Mpix
Resolution (h x v)	3864 x 2176 Pixel
Aspect ratio	16:9
ADC	12 bit
Color depth (camera)	12 bit
Optical sensor class	1/3"
Optical Size	5.603 mm x 3.155 mm
Optical sensor diagonal	6.43 mm (1/2.49")
Pixel size	1.45 µm
Manufacturer	Sony
Sensor Model	IMX415-AAQR-C
Gain (master/RGB)	-/-
AOI horizontal	same frame rate
AOI vertical	increased frame rate
AOI image width / step width	24 / 24
AOI image height / step width	40 / 4
AOI position grid (horizontal/vertical)	2 / 4
Binning horizontal	increased frame rate
Binning vertical	increased frame rate
Binning method	M/C automatic
Binning factor	2
Subsampling horizontal	-
Subsampling vertical	-
Subsampling method	-
Subsampling factor	-



Model

Frame rate freerun mode	24
Frame rate trigger (continuous)	20
Frame rate trigger (maximum)	24
Exposure time (minimum - maximum)	0.070 ms - 1900 ms
Power consumption	0.5 W - 1 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	30 g