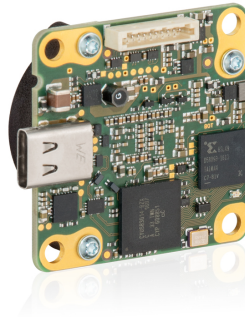
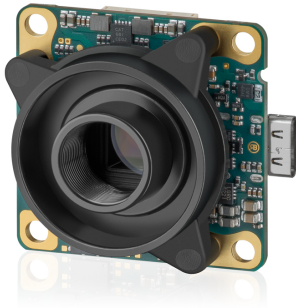


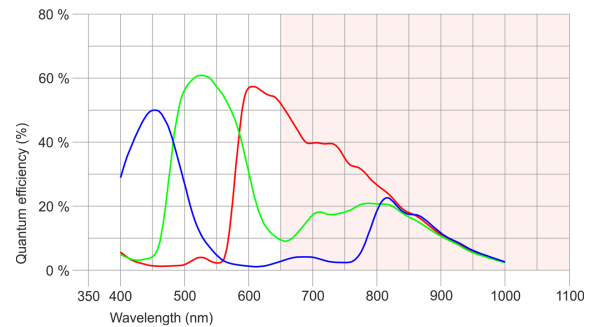
## UI-3271LE-C-HQ



## Specification

### Sensor

Sensor type	CMOS Color
Shutter	Global Shutter
Sensor characteristic	Linear
Readout mode	Progressive scan
Pixel Class	3 MP
Resolution	3.17 Mpix
Resolution (h x v)	2056 x 1542 Pixel
Aspect ratio	4:3
ADC	12 bit
Color depth (camera)	12 bit
Optical sensor class	1/1.8"
Optical Size	7.090 mm x 5.320 mm
Optical sensor diagonal	8.86 mm (1/1.81")
Pixel size	3.45 µm
Manufacturer	Sony
Sensor Model	IMX265LQR-C
Gain (master/RGB)	24x/4x
AOI horizontal	same frame rate
AOI vertical	increased frame rate
AOI image width / step width	256 / 8
AOI image height / step width	2 / 2
AOI position grid (horizontal/vertical)	4 / 2
Binning horizontal	-
Binning vertical	-
Binning method	-
Binning factor	-
Subsampling horizontal	-
Subsampling vertical	-
Subsampling method	-
Subsampling factor	-



## UI-3271LE-C-HQ

### Model

Pixel clock range	10 MHz - 197 MHz
Frame rate freerun mode	57.0 fps
Frame rate trigger (continuous)	57.0 fps
Frame rate trigger (maximum)	57.0 fps
Exposure time (minimum - maximum)	0.024 ms - 1000 ms
Long exposure (maximum)	30000 ms
Power consumption	0.9 W - 1.7 W
Special features	Sensor source gain

### Ambient conditions

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

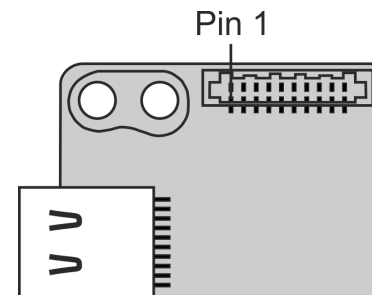
Device temperature during operation	0 °C - 55 °C / 32 °F - 131 °F
Device temperature during storage	-20 °C - 60 °C / -4 °F - 140 °F
Humidity (relative, non-condensing)	20 % - 80 %

### Connectors

Interface connector	USB Type-C
I/O connector	10-pin Molex connector (IllumiMate)
Power supply	USB cable

### Pin assignment I/O connector

1	Voltage output USB
2	Ground (GND)
3	General Purpose I/O (GPIO) 2, 3.3 V
4	General Purpose I/O (GPIO) 1, 3.3 V
5	TWI (Two Wire Interface) clock signal
6	TWI (Two Wire Interface) data signal
7	Trigger input without optocoupler 3.3 V
8	Flash output without optocoupler 3.3 V
9	Ground (GND)
10	Voltage output 3.3 V



### Design

Lens Mount	S-Mount
IP code	-
Dimensions H/W/L	36.0 mm x 36.0 mm x 19.9 mm
Mass	13.5 g