UI-6280SE-C-HQ Rev.3 (AB.0010.1.54800.24)

Discontinued
The model has been discontinued.



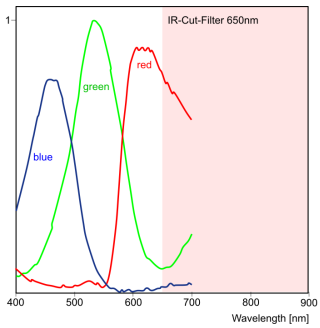




Specification

Sensor

Sensor type	CCD Color
Shutter	Global Shutter
Sensor characteristic	Linear
Readout mode	Progressive scan
Pixel Class	5 MP
Resolution	5.01 Mpix
Resolution (h x v)	2448 x 2048 Pixel
Aspect ratio	5:4
ADC	12 bit
Color depth (camera)	12 bit
Optical sensor class	2/3""
Optical Size	8.446 mm x 7.066 mm
Optical sensor diagonal	11.01 mm (1/1.45")
Pixel size	3.45 µm
Manufacturer	Sony
Sensor Model	ICX655AQA
Gain (master/RGB)	12x/5x
AOI horizontal	same frame rate
AOI vertical	increased frame rate
AOI image width / step width	16 / 4
AOI image height / step width	256 / 2
AOI position grid (horizontal/vertical)	4 / 2
Binning horizontal	same frame rate
Binning vertical	increased frame rate
Binning method	Mono
Binning factor	2 / 3 / 4
Subsampling horizontal	-
Subsampling vertical	-
Subsampling method	-
Subsampling factor	-



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Model

Pixel clock range	10 MHz - 56 MHz
Frame rate freerun mode	8.5 fps
Frame rate trigger (maximum)	8.5 fps
Exposure time (minimum - maximum)	0.029 ms - 1000 ms
Long exposure (maximum)	60000 ms
Power consumption	2.9 W - 4.7 W
Image memory	60 MB
Special features	Overlap trigger

Ambient conditions

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

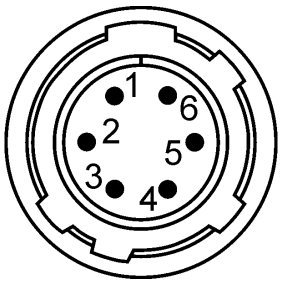
Device temperature during operation	0 °C - 55 °C / 32 °F - 131 °F
Device temperature during storage	-20 °C - 60 °C / -4 °F - 140 °F
Humidity (relative, non-condensing)	20 % - 80 %

Connectors

Interface connector	GigE RJ45, screwable
I/O connector	6-pin Hirose connector (HR10A-7R-6PB)
Power supply	12 V - 24 V

Pin assignment I/O connector

1	Ground (GND)
2	Power supply (VCC)
3	Trigger input with optocoupler (-)
4	Trigger input with optocoupler (+)
5	Flash output with optocoupler (+)
6	Flash output with optocoupler (-)

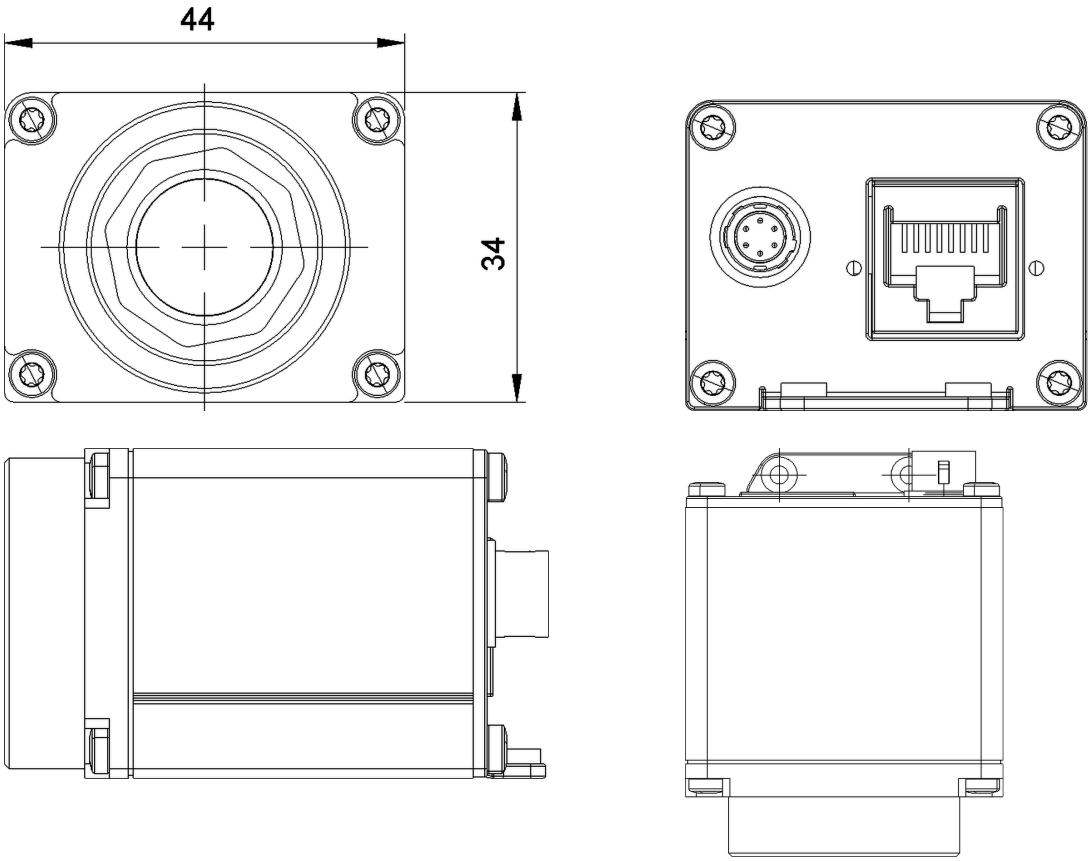


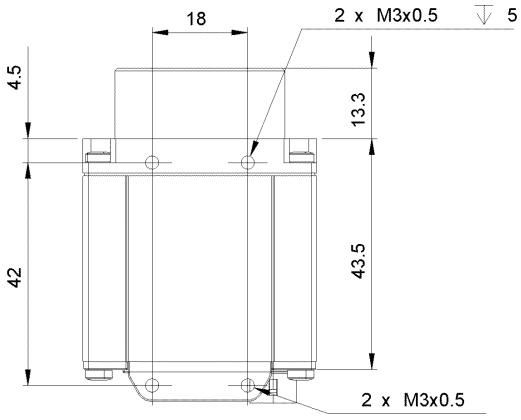
Camera rear view

Design

Lens Mount	C-Mount
IP code	IP30
Dimensions H/W/L	34.0 mm x 44.0 mm x 56.8 mm
Mass	113 g

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