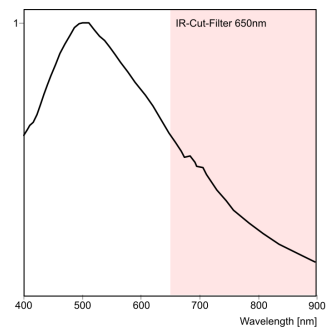


Discontinued
The model has been discontinued.



Specification

Sensor type	CCD Mono
Shutter	Global Shutter
Sensor characteristic	Linear
Readout mode	Progressive scan
Pixel Class	1.9 MP
Resolution	1.92 Mpix
Resolution (h x v)	1600 x 1200 Pixel
Aspect ratio	4:3
ADC	12 bit
Color depth (camera)	12 bit
Optical sensor class	1/1.8"
Optical Size	7.040 mm x 5.280 mm
Optical sensor diagonal	8.8 mm (1/1.82")
Pixel size	4.4 µm
Manufacturer	Sony
Sensor Model	ICX274AL
Gain (master/RGB)	13.8x/-
AOI horizontal	same frame rate
AOI vertical	increased frame rate
AOI image width / step width	320 / 4
AOI image height / step width	240 / 1
AOI position grid (horizontal/vertical)	1 / 1
Binning horizontal	same frame rate
Binning vertical	increased frame rate
Binning method	Mono
Binning factor	2 / 3 / 4
Subsampling horizontal	-
Subsampling vertical	increased frame rate
Subsampling method	Color
Subsampling factor	2, 4



Model

Pixel clock range	5 MHz - 30 MHz
Frame rate freerun mode	12
Frame rate trigger (maximum)	12
Exposure time (minimum - maximum)	0.096 ms - 1572 ms
Power consumption	3 W - 4.4 W
Image memory	60 MB

Ambient conditions

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

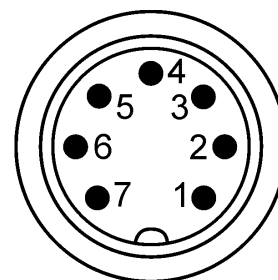
Device temperature during operation	0 °C - 55 °C / 32 °F - 131 °F
Device temperature during storage	-20 °C - 60 °C / -4 °F - 140 °F
Humidity (relative, non-condensing)	0 % - 100 %

Connectors

Interface connector	GigE RJ45, screwable
I/O connector	7-pin Binder connector (Binder series 712: 09-0423-020-07)
Power supply	12 V - 24 V

Pin assignment I/O connector

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



Camera rear view

Design

Lens Mount	C-Mount
IP code	IP65/67
Dimensions H/W/L	41.0 mm x 53.0 mm x 47.7 mm
Mass	195 g

