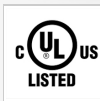


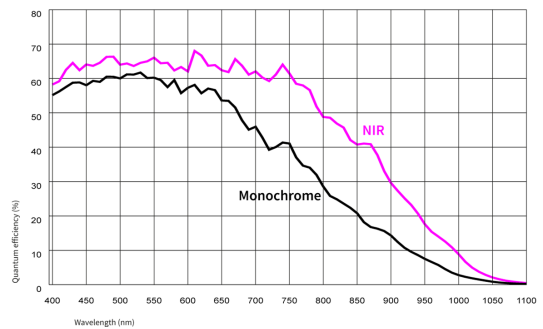
Discontinued  
The model has been discontinued.



Specification

Sensor

|                                         |                     |
|-----------------------------------------|---------------------|
| Sensor type                             | CMOS Mono           |
| Shutter                                 | Global Shutter      |
| Sensor characteristic                   | Linear              |
| Readout mode                            | Progressive scan    |
| Pixel Class                             | 1.3 MP              |
| Resolution                              | 1.31 Mpix           |
| Resolution (h x v)                      | 1280 x 1024 Pixel   |
| Aspect ratio                            | 5:4                 |
| ADC                                     | 10 bit              |
| Color depth (camera)                    | 10 bit              |
| Optical sensor class                    | 1/1.8"              |
| Optical Size                            | 6.784 mm x 5.427 mm |
| Optical sensor diagonal                 | 8.69 mm (1/1.84")   |
| Pixel size                              | 5.3 µm              |
| Manufacturer                            | e2v                 |
| Sensor Model                            | EV76C661ABT         |
| Gain (master/RGB)                       | 4x/-                |
| AOI horizontal                          | -                   |
| AOI vertical                            | -                   |
| AOI image width / step width            | - / -               |
| AOI image height / step width           | - / -               |
| AOI position grid (horizontal/vertical) | - / -               |
| Binning horizontal                      | -                   |
| Binning vertical                        | -                   |
| Binning method                          | -                   |
| Binning factor                          | -                   |
| Subsampling horizontal                  | -                   |
| Subsampling vertical                    | -                   |
| Subsampling method                      | -                   |
| Subsampling factor                      | -                   |



Model

|                                   |                    |
|-----------------------------------|--------------------|
| Frame rate freerun mode           | 59                 |
| Frame rate trigger (maximum)      | -                  |
| Exposure time (minimum - maximum) | 0.009 ms - 2000 ms |
| Power consumption                 | 1.3 W - 1.5 W      |

Ambient conditions

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

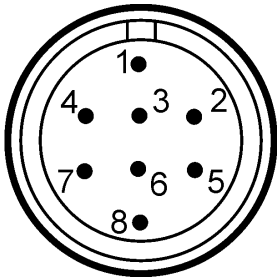
|                                     |                                 |
|-------------------------------------|---------------------------------|
| Device temperature during operation | 0 °C - 55 °C / 32 °F - 131 °F   |
| Device temperature during storage   | -20 °C - 60 °C / -4 °F - 140 °F |
| Humidity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

Connectors

|                     |                                           |
|---------------------|-------------------------------------------|
| Interface connector | USB 3.0 micro-B, screwable                |
| I/O connector       | 8-pin Hirose connector (HR25-7TR-8PA(73)) |
| Power supply        | USB cable                                 |

Pin assignment I/O connector

|   |                                     |
|---|-------------------------------------|
| 1 | Ground (GND)                        |
| 2 | Flash output with optocoupler (-)   |
| 3 | General Purpose I/O (GPIO) 1        |
| 4 | Trigger input with optocoupler (-)  |
| 5 | Flash output with optocoupler (+)   |
| 6 | General Purpose I/O (GPIO) 2        |
| 7 | Trigger input with optocoupler (+)  |
| 8 | Output supply voltage, 5 V (100 mA) |



Camera rear view

Design

|                  |                             |
|------------------|-----------------------------|
| Lens Mount       | CS- / C-Mount               |
| IP code          | IP30                        |
| Dimensions H/W/L | 47.0 mm x 46.0 mm x 28.0 mm |
| Mass             | 41 g                        |

