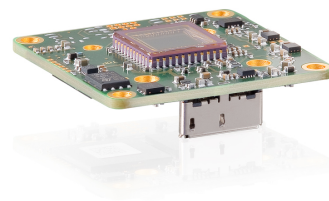
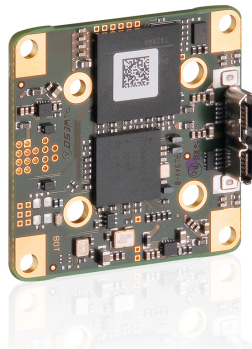
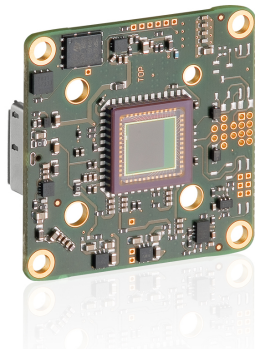


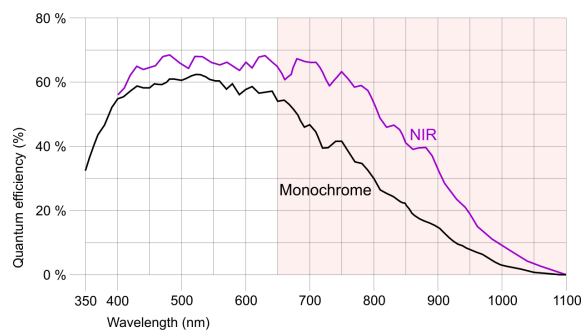
## UI-3242LE-M



## Specification

### Sensor

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| Sensor Technology        | CMOS Mono                                           |
| Manufacturer             | e2v                                                 |
| Resolution (MPix)        | 1.00                                                |
| Resolution (h x v)       | 1280 x 1024                                         |
| ADC                      | 10 bit                                              |
| Color depth (camera)     | 12 bit                                              |
| Pixel Class              | 1.x MP                                              |
| Sensor Size              | 1/1.8                                               |
| Shutter                  | Rolling shutter/Global shutter/Global start shutter |
| max. fps in Freerun Mode | 60.0                                                |
| Binning Modes            | M/C automatic                                       |
| Subsampling Modes        | -                                                   |
| Sensor Model             | EV76C560ABT                                         |
| Pixel size               | 5.3 $\mu\text{m}$                                   |
| Optical Size             | 6.784 mm x 5.427 mm                                 |
| Optical sensor diagonal  | 8.69 mm (1/1.84")                                   |



### Design

|                      |                            |
|----------------------|----------------------------|
| Interface            | USB 3                      |
| Lens Mount           | -                          |
| I/O In               | 1 x TTL                    |
| I/O Out              | 1 x TTL                    |
| I/O RS-232           | -                          |
| I/O GPIO             | 2                          |
| I/O I <sup>2</sup> C | 1                          |
| IP code              | -                          |
| Dimensions H/W/L     | 36.0 mm x 36.0 mm x 9.8 mm |
| Mass                 | 8 g                        |
| Power supply         | USB Cable                  |

Subject to technical modifications

## UI-3242LE-M

### Pin assignment I/O connector

|   |                           |
|---|---------------------------|
| 1 | USB Power supply (VCC) 5V |
| 2 | USB Ground (GND)          |
| 3 | Digital input (+)         |
| 4 | Digital output (+)        |
| 5 | GPI01                     |
| 6 | GPI02                     |
| 7 | I2C bus clock signal      |
| 8 | I2C bus data signal       |

