

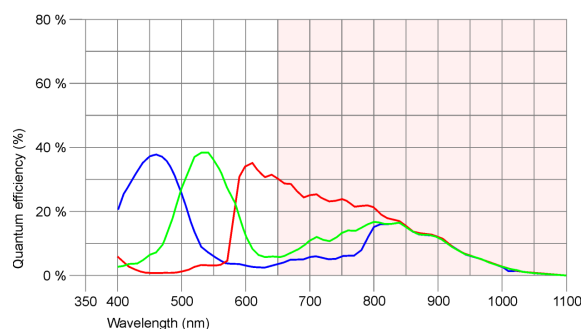
## UI-5250RE-C-HQ Rev.2



## Specification

### Sensor

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| Sensor Technology        | CMOS Color                                          |
| Manufacturer             | e2v                                                 |
| Resolution (MPix)        | 2.00                                                |
| Resolution (h x v)       | 1600 x 1200                                         |
| ADC                      | 10 bit                                              |
| Color depth (camera)     | 12 bit                                              |
| Pixel Class              | 2 MP                                                |
| Sensor Size              | 1/1.8                                               |
| Shutter                  | Rolling shutter/Global shutter/Global start shutter |
| max. fps in Freerun Mode | 35.6                                                |
| Binning Modes            | M/C automatic                                       |
| Subsampling Modes        | -                                                   |
| Sensor Model             | EV76C570ACT                                         |
| Pixel size               | 4.5 µm                                              |
| Optical Size             | 7.200 mm x 5.400 mm                                 |
| Optical sensor diagonal  | 9 mm (1/1.78")                                      |



### Design

|                      |                             |
|----------------------|-----------------------------|
| Interface            | GigE                        |
| Lens Mount           | C-Mount                     |
| I/O In               | 1 x optodecoupled           |
| I/O Out              | 1 x optodecoupled           |
| I/O RS-232           | -                           |
| I/O GPIO             | -                           |
| I/O I <sup>2</sup> C | -                           |
| IP code              | IP65/67                     |
| Dimensions H/W/L     | 41.0 mm x 53.0 mm x 42.7 mm |
| Mass                 | 175 g                       |
| Power supply         | 12V - 24V                   |

Subject to technical modifications

## UI-5250RE-C-HQ Rev.2

### Pin assignment I/O connector

|   |                    |
|---|--------------------|
| 1 | Digital input (+)  |
| 2 | Power supply (VCC) |
| 3 | Shielding          |
| 4 | Ground (GND)       |
| 5 | Digital output (+) |
| 6 | Digital output (-) |
| 7 | Digital input (-)  |

