

## GigE UI-5240SE-NIR

The 1.3 Megapixel NIR sensor from e2v offers an exceptional performance in the near infrared range (40 % at 850 nm) and a maximum QE of 70%. Besides the lockable RJ45 port for GigE, the UI-5240SE-NIR comes with a 6-pin Hirose connector for power and digital I/Os (opto-coupled, up to 30 V). Available from Q3/4 2012<p>This camera model incorporates the monochrome sensor EV76C661ABT from e2v.</p>



## Specification

### The characteristics at a glance

|                                   |                              |
|-----------------------------------|------------------------------|
| Interface                         | GigE                         |
| Lens Mount                        | C-Mount                      |
| Sensor Technology                 | CMOS (e2v)                   |
| Model Description (color)         | ---                          |
| Model Description (mono)          | UI-5240SE-NIR                |
| Resolution (h x v)                | 1280 x 1024                  |
| Resolution Depth                  | 10bit (10bit ADC)            |
| Resolution Category / Pixel Class | 1.3 Megapixel                |
| Sensor Size                       | 1/1.8"                       |
| Shutter                           | Global                       |
| max. fps in Freerun Mode          | 50 fps                       |
| Exposure Time in Freerun Mode     | 9µs - 2000ms                 |
| Exposure Time in Trigger Mode     | 9µs - 2000ms                 |
| AOI Modes                         | horizontal + vertical        |
| Binning Modes                     | horizontal + vertical        |
| Subsampling Modes                 | ---                          |
| I/O - Strobe                      | 1                            |
| I/O - Trigger                     | 1                            |
| I/O - RS-232                      | -                            |
| I/O - GPIO                        | -                            |
| I/O - I2C                         | -                            |
| HDR (High Dynamic Range)          | -                            |
| Sensor Model (m/c)                | EV76C661ABT / -              |
| Pixelpitch in µm                  | 5.30                         |
| Optical Size                      | 6.784 x 5.247 mm             |
| Protection Classes                | IP30                         |
| Dimensions H/W/L                  | 34.00 mm, 44.00 mm, 43.50 mm |
| Mass                              | 108.00 g                     |
| Power Supply                      | 12 - 24 V                    |

