

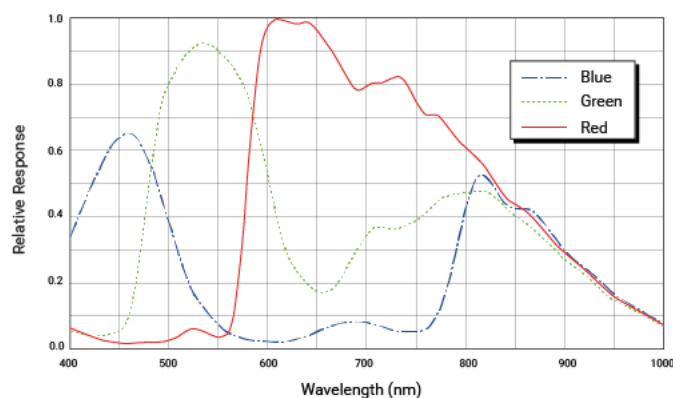
- 5MP resolution @60 fps
- USB3.0 supports FPC connection, flexible for application
- Compatible with USB3 Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard.
- Support Windows and Linux



**Applied range** • Defect Detection • Surface Patch Detection • Visual Positioning • Size Measuring • QR Code Reading • VR/AR • Logistics

| Camera                     | LEO 5000S-60uc-BC                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| Resolution [H*V]           | 2448 × 2048                                                                                               |
| Sensor                     | Sony IMX264                                                                                               |
| Sensor Size                | 2/3"                                                                                                      |
| Sensor Technology          | Global, CMOS                                                                                              |
| Pixel Size [μm]            | 3.45 × 3.45                                                                                               |
| Frame Rate [fps]           | 60                                                                                                        |
| Data Bit                   | 8bit / 10bit / 12bit                                                                                      |
| Exposure Time              | 15μs~10s<br>UltraShort exposure mode:1μs~14μs                                                             |
| Dynamic Range              | 72dB                                                                                                      |
| Mono/Color                 | Color                                                                                                     |
| Image Format               | Mono 8/10/12,Bayer RG 8/10/10P/12/12P,<br>YUV422P,YUV422_YUYV_P,RGB8,BGR8                                 |
| Interface                  | USB 3.0                                                                                                   |
| Synchronization            | Via hardware trigger、software trigger or<br>free run mode                                                 |
| Programmable Control [ISP] | Image resolution、RGB gain、Exposure time、<br>Gamma form、Image rollovers、Raw、LUT、<br>Black level correction |
| Housing Size [l*w*h]       | 29 × 29 × 31.3 mm (37g)                                                                                   |
| Operating Temperature      | -30~70 ° C (Storage), 0~50° C (Working)                                                                   |
| Lenses Mount               | C-Mount                                                                                                   |
| Digital I/O                | bi-directional custom non-isolated I/O × 2                                                                |
| Power Input                | Supporting USB3.0                                                                                         |
| Power Consumption          | 5V @<2.8W                                                                                                 |
| Driver                     | LEO Series Camera Software Suite (iDatum) or<br>3rd party USB3 Vision Software                            |
| Operating System           | Windows,Linux                                                                                             |
| Conformity                 | USB3 Vision,GenICam                                                                                       |

### Spectral Response



### Dimensions

