

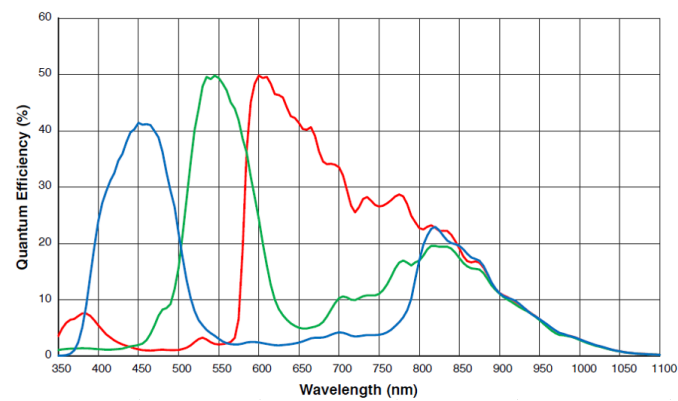
- 12MP @9.6 fps
- Adopts GigE interface and max. transmission distance of 100 meters without relay
- Compatible with GigE Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard.
- Support Windows、Linux
- Up to 128 MB local memory for burst transmission and retransmission



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

| Camera                     | LEO 4096X-10gc                                                                                    |
|----------------------------|---------------------------------------------------------------------------------------------------|
| Resolution [H*V]           | 4096 × 3072                                                                                       |
| Sensor                     | OnSemi XGS12000                                                                                   |
| Sensor Size                | 1"                                                                                                |
| Sensor Technology          | Global, CMOS                                                                                      |
| Pixel Size [μm]            | 3.2 × 3.2                                                                                         |
| Frame Rate [fps]           | 9.6                                                                                               |
| Data Bit                   | 8bit / 10bit / 12bit                                                                              |
| Exposure Time              | 162μs~10s                                                                                         |
| Dynamic Range              | 68dB                                                                                              |
| Mono/Color                 | Color                                                                                             |
| Image Format               | /                                                                                                 |
| Interface                  | GigE                                                                                              |
| Synchronization            | Via hardware trigger、software trigger or free run mode                                            |
| Programmable Control [ISP] | Image resolution、RGB Gain、Exposure time、Gamma form、Image rollovers、Raw、LUT、Black level correction |
| Housing Size [l*w*h]       | 29.0 × 29.0 × 42.0 mm (65g)                                                                       |
| Operating Temperature      | -30~70 ° C (Storage), 0~50° C (Working)                                                           |
| Lenses Mount               | C-Mount                                                                                           |
| Digital I/O                | Opto-isolated input x 1, opto-isolated output x 1, and bi-directional custom non-isolated I/O x 1 |
| Power Input                | DC 9-24V, Supporting PoE                                                                          |
| Power Consumption          | 12V @3.5W                                                                                         |
| Driver                     | LEO Series Camera Software Suite (iDatum) or 3rd party GigE Vision Software                       |
| Operating System           | Windows, Linux                                                                                    |
| Conformity                 | GigE Vision, GenICam                                                                              |

### Spectral Response



### Dimensions

