



### LEO 100MS-8cm

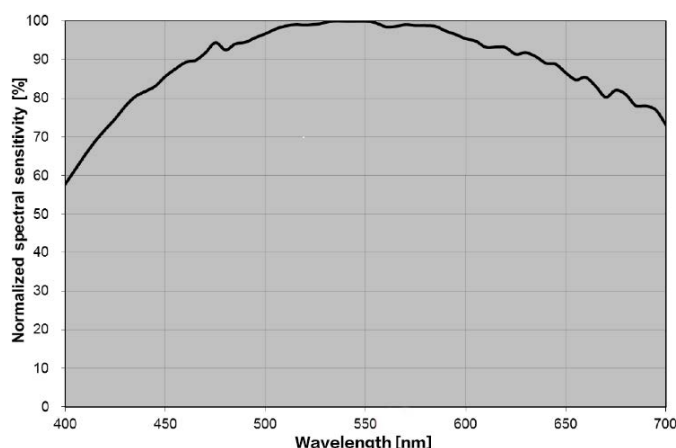
- 101MP @8.1fps
- Fan cooling
- Support Windows
- Supports configuration modes of Base, Medium, Full and 80-bit via the CameraLink interface
- Compatible with CameraLink V2.0 Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard.



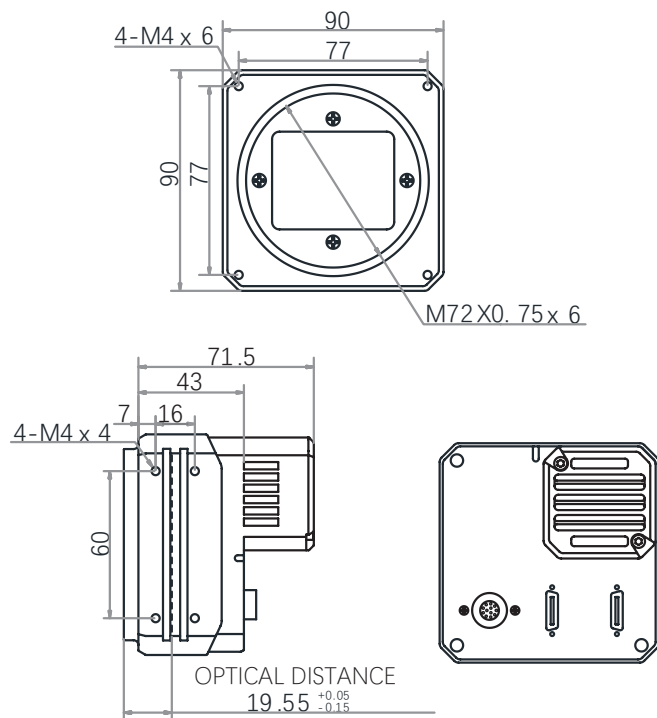
**Applied range** • Defect Detection • Surface Patch Detection • Visual Positioning • Size Measuring • QR Code Reading • VR/AR • Logistics

| Camera                       | LEO 100MS-8cm   |
|------------------------------|---|
| Resolution [H*V]             | 11520 × 8740  |
| Sensor                       | Sony IM461  |
| Sensor Size                  | 55 mm   |
| Sensor Technology            | Rolling, CMOS   |
| Pixel Size [ $\mu\text{m}$ ] | 3.76 × 3.76   |
| Frame Rate [fps]             | 8.1   |
| Configuration Mode           | Base, Medium, Full, 80-bit  |
| Taps                         | 2/4/8/10 Taps   |
| Pixel Clock                  | 85 MHz, 70 MHz, 60 MHz, 40 MHz  |
| Exposure Time                | 14 $\mu\text{s}$ ~10s   |
| Dynamic Range                | 78dB  |
| Mono/Color                   | Mono  |
| Image Format                 | ADC 12bit mode: Mono 8/10/12;<br>ADC 16bit mode: Mono 8/10/12/16  |
| Interface                    | Camera Link (SDR interface)   |
| Programmable Control [ISP]   | Image resolution、Exposure time、 Contrast ratio、<br>Gamma form、 Image rollovers、 Raw、 LUT、<br>Black level correction |
| Housing Size [l*w*h]         | 90.0 × 90.0 × 71.5 mm (790g)  |
| Operating Temperature        | -30~70 ° C (Storage), 0~50° C (Working)   |
| Lenses Mount                 | M72*0.75, BFL 19.55 mm  |
| Digital I/O                  | Opto-isolated input x 1, opto-isolated output x 1,<br>bi-directional custom non-isolated I/O x 1,<br>and RS232 x 1  |
| Power Input                  | DC 12-24V   |
| Power Consumption            | 24V @14W  |
| Driver                       | LEO Series Camera Software Suite (iDatum) or<br>Frame Grabber software conforming to<br>GenICam protocol            |
| Operating System             | Windows   |
| Conformity                   | Camera Link Vision, GenICam   |

### Spectral Response



### Dimensions



No.8, Xiyuan 9th Road West Lake District, Hangzhou 310030 China  
 Tel: 86-571-89712238 Web: www.contrastech.com  
 Email: market@contrastech.com