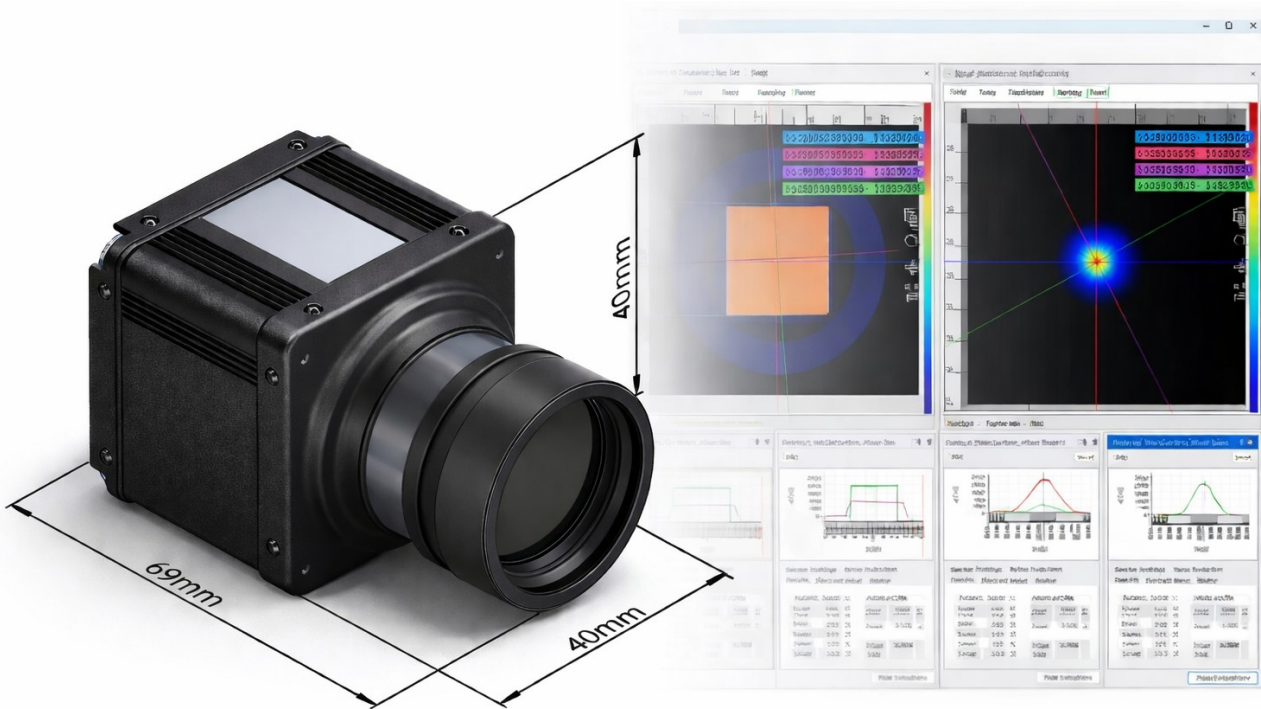


LUMOS Series

for **Raw Laser Beam**
Profiling and Analysis

MULTIPLE CAMERAS can be connected to **ONE PROGRAM**.

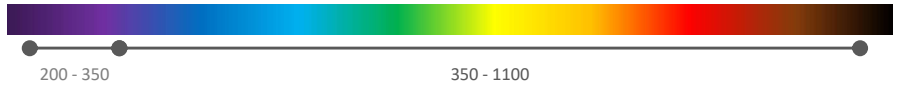
FLEXIBLE UI with multiple detachable panels.



| Technical Data | LUM-B-D | LUM-B-N | LUM-B-M |
|---|---------------------------------|----------------------|----------------------|
| Wavelength ⁽¹⁾ [nm] | 200 – 1064 | 343 – 1064 | 343 – 1064 |
| Resolution [Pixels] | 2848 X 2848 [8.1 MP] | 2856 X 2848 [8.1 MP] | 3216 X 2208 [7.1 MP] |
| Pixel Size [μm] | 2.74 X 2.74 | 2.74 X 2.74 | 4.5 X 4.5 |
| Sensor Size [mm] | 7.8 X 7.8 | 7.8 X 7.8 | 14.4 X 9.9 |
| Minimum Measurable Spot Size ⁽²⁾ | ∅ 60 μm | ∅ 60 μm | ∅ 100 μm |
| Sensor Type [Shutter] | CMOS [Global Shutter] | | |
| Electrical Data | 10-28 V / Gigabit Ethernet, POE | | |

REMARKS

- (1) The measurement wavelength needs to be checked before ordering.
- (2) With ISO-1146 as the standard for measurable values, the minimum measurable size is 20 pixels.
- **For changes in the exterior structure, it is necessary to check in advance whether it is possible before ordering.



| Kind of Neutral Density Filter | | |
|---------------------------------------|----------------------|----------------------|
| Technical Data | for LUM-B-D | for LUM-B-N/M |
| Wavelength[nm] | 200 - 1064 | 343 - 1064 |
| Type | Reflective | Absorptive |
| Optical Density ⁽¹⁾ | 0.1 up to 4.0 | 0.1 up to 6.0 |
| Clear Aperture [mm] | < Ø 20 mm | |

Information for Accessories

| | | |
|-------|--------------------------------|---|
| Cable | Data ⁽²⁾ | 5 m / 10 m / 15 m |
| | Power (Trigger) ⁽²⁾ | 5 m / 10 m / 15 m |
| | Adapter | 1.5 m (CEE 7/4 > IEC C13) |
| | Power Adapter | 100-240 VAC(50/60Hz), 1.5A > 24 VDC, 3.0A |
| | Mount Adapter | C-Mount > SM1 |
| | USB | Include Operation Program / Manual / Certificate |

REMARKS

(1) OD 1.0 ND filter is provided as standard. If you need an ND filter of a different OD, you can purchase additional filters.

(2) 5 m cable is provided by default if the user does not select

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