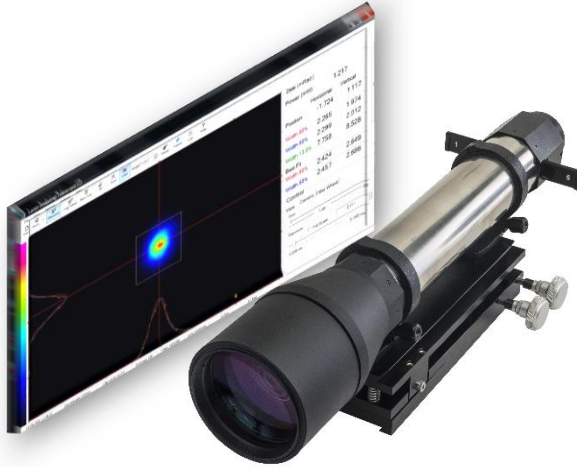


Laser Analyzing Telescope

Innovative Optical Laser Measurement Telescope for Angular Analysis



- Analyzes angular directions and collimation of light beams and lasers
- Versatile – Measures Profile, Power and Angular Position
- Complete test station with built-in Filter Slider
- Extremely accurate
- Built-in Pan\Tilt Mechanics
- Excellent for boresighting between several parallax lasers

Specifications

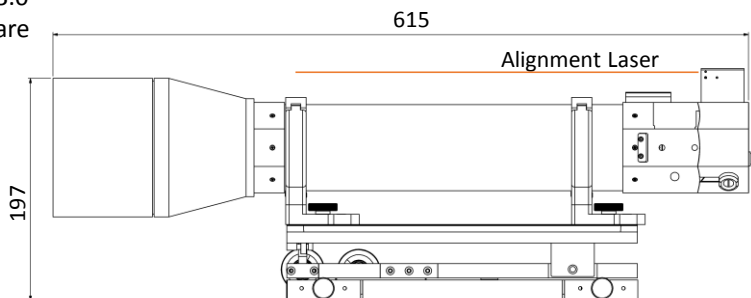
| | |
|-------------------------------|--|
| Spectral Response | 350 - 1150 nm (350-1600 nm available as a special order) |
| Field of View | 20 mrad (H), 12 mrad (V) |
| Clear Aperture | 100 mm |
| Gain Control | 1-24 dB |
| Shutter Speed | 39 μ sec to 20 sec |
| Resolution | $\pm 1 \mu$ rad |
| Accuracy | 10 μ rad |
| Filter Slider Assembly | Built-in 5xND filters on a slider |

New advances in software including full beam profiling analysis

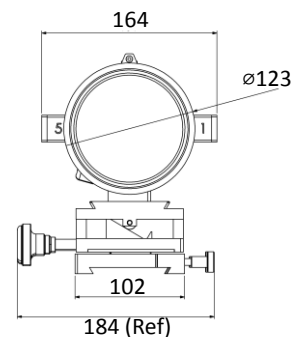
| | |
|---------------------------------------|--|
| Mounting | Built-in Pan/Tilt |
| Frame Rate | > 25 fps (AOI) |
| Pan & Tilt knobs | Tilt $\pm 2^\circ$, Pan $\pm 2.5^\circ$ |
| Interface | USB 3.0 |
| Pixel Bit Depth | 12 bits |
| Synchronization | •Software •Hardware (external trigger signal) |
| Exposure Control | Programmable via GUI |
| Housing Size (L x W x H) in mm | 615 x 184 x 197 |
| Power Requirements | ~ 2 Watt (Via USB 3.0 interface) |
| Weight (typical) | 6.5 kg |

Ordering Information

Model LAT-U3: A camera for 350 – 1600 nm with built-in filter slider, USB 3.0 cable, application software on CD/Flash Memory, carrying case.



Dimensions are in mm.



DUMA OPTRONICS LTD.