

# AlignMeter - Wireless

NEW

Wireless Real-Time Laser Position & Angular Displacement



## Specifications

PSD size for position	9 x 9 mm
Usable beam size range	50 $\mu$ m to 8 mm
Update rate	Max. 100 Hz at 300 Hz digital filter
Spectral range	350 - 1100 nm (calibrated at visible 400-700 nm)
Position measurement range	9 x 9 mm square
Position resolution	Better than 1 micron
Power range	100 $\mu$ W - 10 mW with filters
Power accuracy (*)	$\pm$ 5%
Angle measurement range	80 mRad
Angle resolution	0.001 mRad (50 Hz Filter)
Software Package	Complete Software Package for Windows, including DLL for custom applications.

## Features

- Analyzes angular directions ( $\theta_x$   $\theta_y$ ) and position direction of incoming laser beam into its aperture
- Versatile - Measures Power and Angular incoming direction using PSD detector technology
- Precise: Down to 0.1  $\mu$ m resolution & 50 Hz digital filter, and down to 0.005 mRad resolution.
- Focal length - 100 mm
- **Wireless (Bluetooth 5.0)**

## Ordering Information

Complete system including measuring head, software and user manual on CD/Flash Drive, charging cable, carrying case.

**ALIGN-WL-100-9x9:** Measuring head with focal length f=100mm

### Optional Accessories:

**ADPT-WL:** Mounting adaptor for articulated arm

**ALIGN-FLT-NG4:** NG4 filter in housing

**ALIGN-FLT-NG9:** NG9 filter in housing

**ALIGN-FLT-NG10:** NG10 filter in housing

**ALIGN-HOOD:** 55mm long, for ambient light suppression

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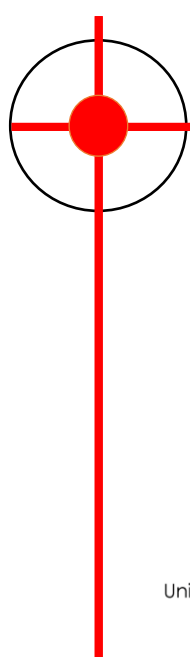


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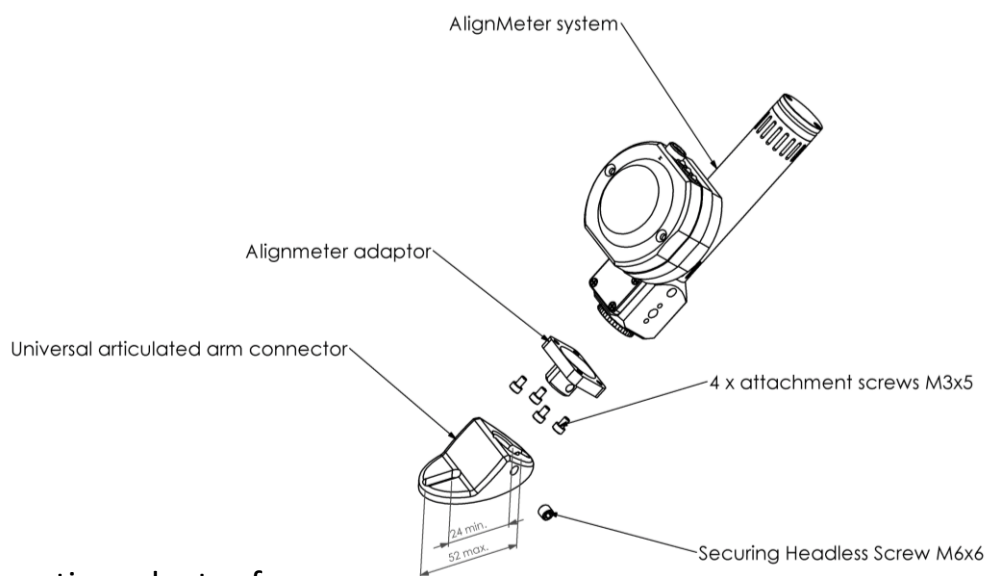
July 2022



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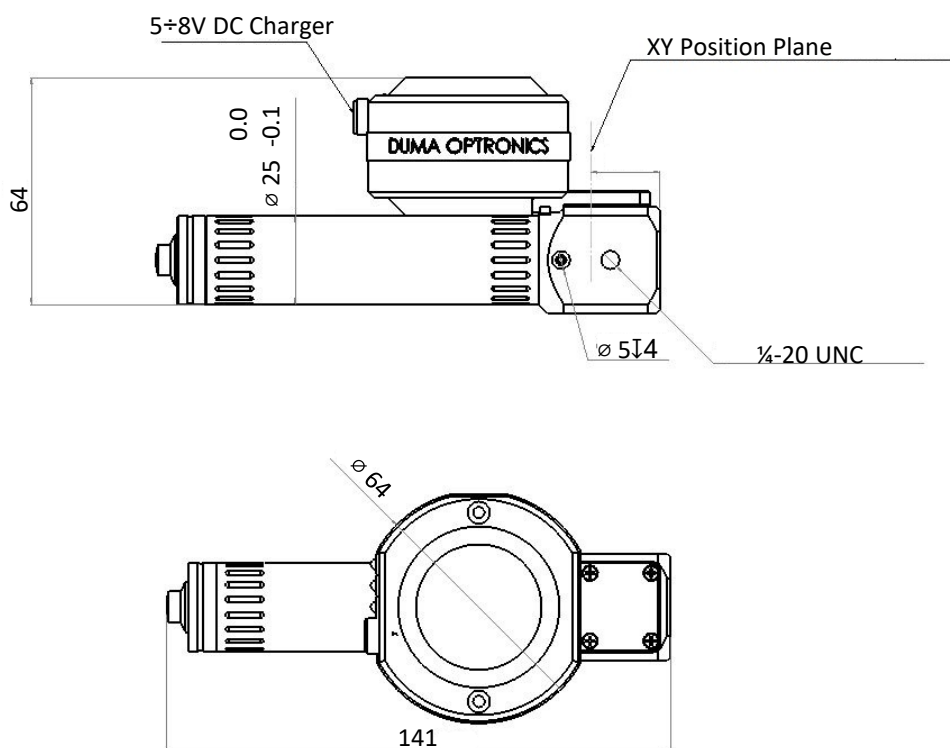
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Mounting adaptor for articulated arm drawing

Typical Application for articulated arm



Dimensions are in mm.

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