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INDUSTRIAL PRODUCT DATASHEET

RPLiDAR A3M1 360° Laser Scanner Kit - 25M Range

The RPLIDAR A3M1 is the next generation low cost 360-degree 2D laser scanner (LIDAR) solution developed by SLAMTEC.

SKU	UPDATED	PRICE
110991068	2026-11-11 08:04:54	$599.00(Excl. VAT)



Overview



The RPLIDAR A3M1 is the next generation low cost 360-degree 2D laser scanner (LIDAR) solution developed by SLAMTEC. It can take up to 16000 samples of laser ranging per second with high rotation speed. And equipped with SLAMTEC patented OPTMAG technology, it breakouts the life limitation of the traditional LIDAR system so as to work stably for a long time.

Product Gallery







Applications

- ▪ General robot navigation and localization
- ▪ Environment scanning and 3D re-modeling
- ▪ Service robot or industrial robot working for long hours
- ▪ Home service/cleaning robot navigation
- ▪ localization General simultaneous localization and mapping (SLAM)
- ▪ Smart toy's localization and obstacle avoidance

Resource Links

- https://www.seeedstudio.com/RPLiDAR-A3M1-360-Degree-Laser-Scanner-Kit-25M-Range.html
- Slamtec Lidar Documentation Hub

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