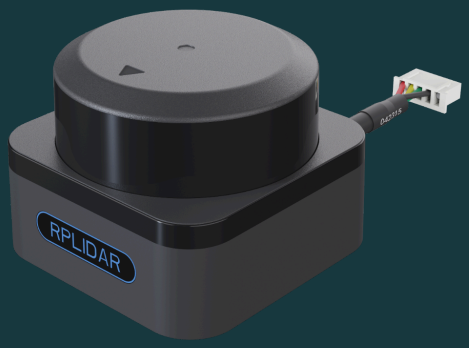
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INDUSTRIAL PRODUCT DATASHEET

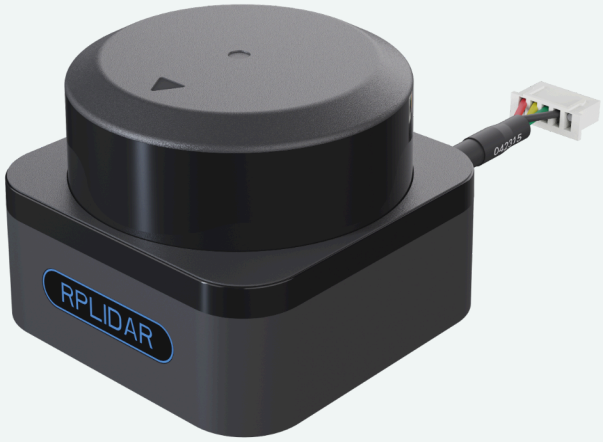
RPLiDAR S3 - 40m range, 2D point cloud map, 32KHz sampling, 0.1125° angular resolution, 80000 lux light resistance, IP65, high safety for human eye

RPLiDAR S3 is a 360-degree ToF(Time of Flight) laser sensing scanner that samples up to 32 kHz with 0.1125° angular resolution, capable of generating 2D point cloud map information up to 40m radius.

SKU	UPDATED	PRICE
101090041	2026-11-11 08:58:06	$549.00(Excl. VAT)



Overview



RPLiDAR S3 is a 360-degree ToF(Time of Flight) laser sensing scanner that samples up to 32 kHz with 0.1125° angular resolution, capable of generating 2D point cloud map information up to 40m radius. It suits for both indoor and outdoor installation, with high light resistance and IP65 feature. It also comes with small, compact, and Class One eye safety rating design.

Key Features

01 **360 Degree ToF Laser ranging scanner**

Generate 2D point cloud map information up to 40m radius while operating 10% reflection within 15 meters

02 **High Lighting Resistance**

Against up to 80000 lux light suitable for outdoor placing

03 **Stunning Sampling Capability**

Provide 10Hz(600rpm) scanning frequency, up to 32KHz measurement frequency, and 1125° angular resolution

04 **Suitable for Anywhere**

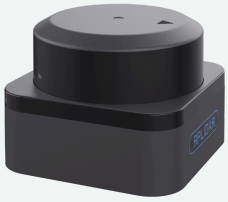
IP65 high ingress protection, small and compact, capable of every indoor and outdoor deployment

05 **Certified Output Laser Power**

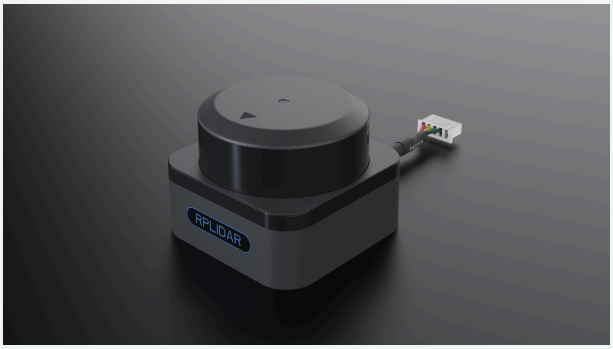
Safe as IEC-60825 Class One eye safety rating

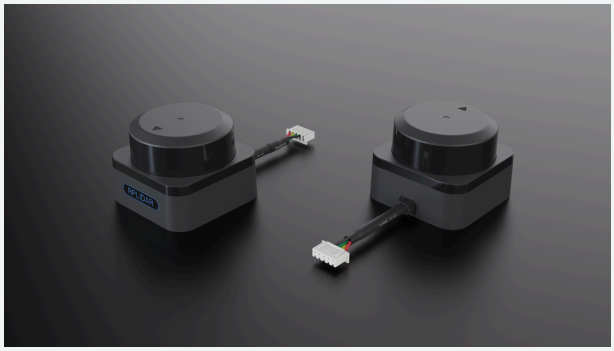
Product Gallery















Resource Links

- https://www.seeedstudio.com/RPLiDAR-S3M1-p-5753.html
- Slamtec Lidar Documentation Hub

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