

FJD Trion S2 SERIES Car Mount

Precision in Motion, Power in Range

- ✓ Ultra-Long Scanning Range
- ✓ Centimeter-Level Accuracy
- ✓ High-Speed Data Collection



Ultra-Long Scanning Range

The FJD Trion S2 LiDAR scanner can scan incredibly far up to 300m. It shows great performance at capturing detailed 3D point clouds for large-scale tasks. Integrated with two fisheye cameras, it allows you to colorize and preview your 3D scans in real time, making it perfect for road surveying and terrain mapping.

Efficient and Fast Data Acquisition

When you attach the FJD Trion S2 to a vehicle with the car mount, the S2 can scan at speeds up to 30 km/h. This helps you get your data much faster while still keeping it super accurate.

Seamless RTK Integration for Precise Georeferencing

The car mount also works seamlessly with FJD RTK modules or VIt/V10i receivers. This gives you centimeter-level accuracy geospatial coordinates for point clouds without the need to set up ground control points, so you can achieve faster, more precise outdoor measurements every time!

SPECS

Car Mount

Total Weight	5.05 kg <small>(including scanner and 2 batteries)</small>	Accessory Weight	2.25 kg
Battery Life	2 hours	Dimensions	274 × 254 × 151 mm
Hot-Swappable Battery	Supported	Power Supply	Dual-handle battery
PPS	Supported	GNSS	Supported

LiDAR

	S2	S2 PRO	S2 MAX
Scanner point rate	320,000 points per second	640,000 points per second	640,000 points per second
Number of Sensors	16	32	32
Range	120m	120m	300m

*Suggested Speed ≤ 30 km/h