

FJD Trion Car Mount

Car mounted point cloud collection

- ✓ Wide work scanning range
- ✓ CM-level accuracy
- ✓ High-speed data capture



High-speed data capture, optimal efficiency

Equipped with its car mount, the FJD Trion S1 demonstrates remarkable data-gathering capabilities. It can achieve speeds of up to 30km/h, significantly enhancing efficiency and guaranteeing accuracy in data collection.

Efficient capture of geo-referenced data with RTK

Combine the FJD Trion car mount with the GNSS receiver for precise geo-referenced point clouds with centimeter-level accuracy, eliminating the need for external control points.

Effortlessly expand your reach

The car mount excels in efficiently capturing data at high speed across diverse environments including urban centers, narrow roads, and any scenarios can be managed by handheld methods.

SPECS

Range	120 m	Dimension	366mm×310mm×167mm
Relative accuracy	Up to 2 cm*	RTK data Format	GGA GST ZDA
Scanner point rate	320,000 / 640,000 points per second	RTK data output frequency	10 Hz
No. of sensors	16 / 32	Satellite systems supported	GPS/BDS/GLONASS
Data Processing	Post-processing	GNSS Port	7 pin-Lemo
Car mount Weight	2.8kg	GNSS IP Rating	IP67
Total Weight with scanner and RTK	8.6kg	GNSS Battery Life	≥ 10h under normal conditions

*Tested in experimental environment