GoSLAM T300i Pro

Real-Time · Efficient
Accurate · Simple

3D Laser Scanning Mobile Measurement System

Excellent Portable New Scanning Experience

The T300i Pro is designed with a concept of being lightweight,

portable and featuring multi-reconstruction mapping technology.

It has a light body, weighing only 1.39 kg,

with powerful scanning performance.

Its high IP protection rating ensures durability and

stability in harsh environments.

Rotating Laser Probe

Continuing the vertical rotating design of laser, with a scanning range from 300m and a maximum point accuracy of 1cm.

Scanning Range	**300m**
FOV	**360° X 285°**
Scanning Speed	**640000 Points Per Sec**
Point Accuracy (Max)	**ICm**
Resolution (Max)	**2mm**

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Full ColorTouchable Screen Design

The full color touchable screen design can clearly displa*y information such as device status, battery power and RTK status, making control more intuitive and convenient.

Color Sensor Module

It has a built-in high-definition color sensor and can be paired with an 8K HDR panoramic color module,providing outstanding color performance in both strong light and dark environments.

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Mobile APP

Whether it is Android or i0S system, you can easily control the scanning through your mobile phone, preview the point cloud in real time, and save real-time scanning data.

Support Hybrid Processing and Desktop Processing

It supports.^duaU^gh-precision post processing modes in the device and desktdp'Sei^^«^tp,nieet demands of accuracy.and workflow from different custoTndfc,
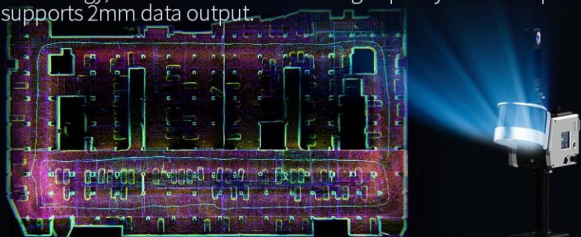
Device End Processing

Desktop Processing

Fourth Generation MappingTechnology

Relying on GoSLAM's powerful fourth generation mapping technology,the T-i series ensures high-quality data output am‍ supports 2mm data output.

3D Gaussian Digital Model Engine

GoSLAM launched a 3D Gaussian digital model engine, a digital matrix software platform that can quickly generate 3D Gaussian digital models to achieve fast, high-fidelity real-scene browsing and in-depth interaction.

A variety of mounting methods

Whether it is handheld, backpack, vehicle-mounted, or mounted on a drone or other platforms, it can be handled easily and flexibly.

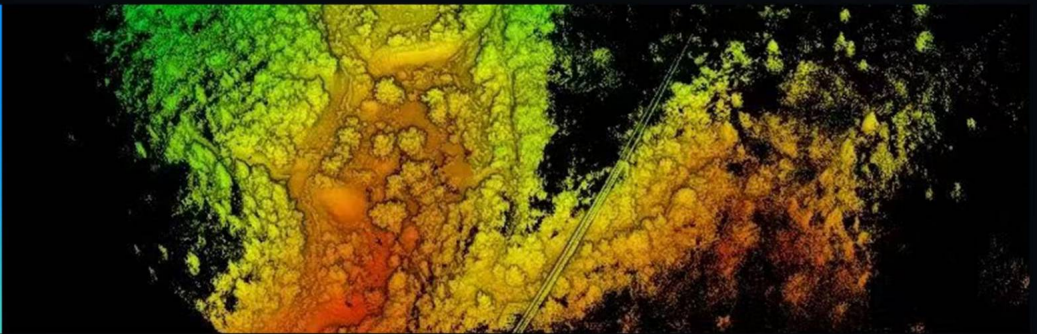Handheld Backpack Car-mounted USV   UAV Extension Pole

Industry Applications

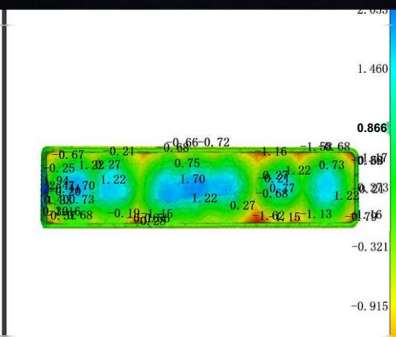It can be widely used in more than ten industries, covering hundreds of scanning scenarios including urban construction, geographic information mapping, underground facility management, bridge safety monitoring, agriculture, forestry and geology, etc., showing excellent performance and wide applicability.
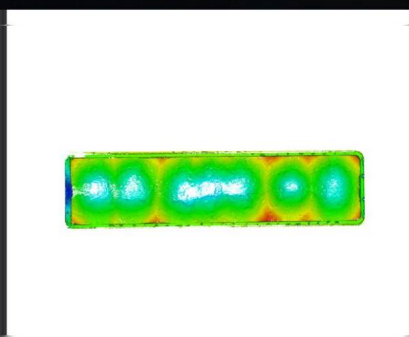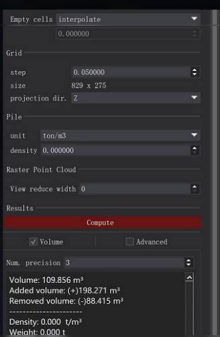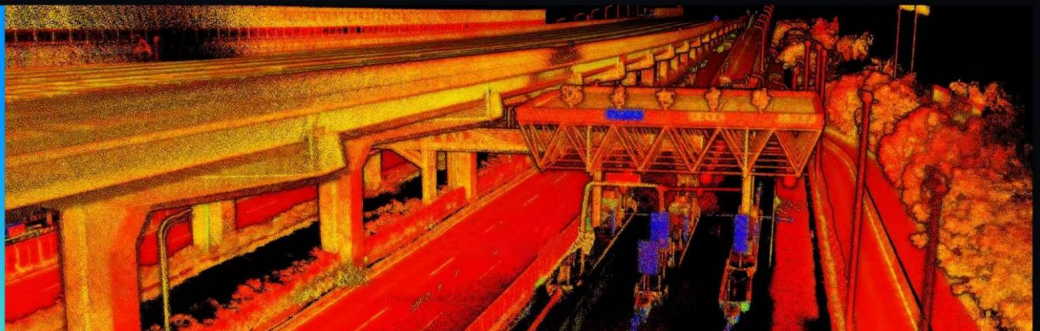
Urban Architecture

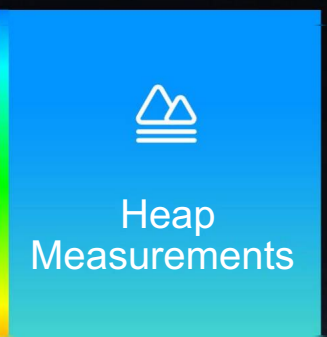**Geographic Information Mapping**

Underground Facilities

Bridge Safety

Heap Measurements

Accessories

The flexibility of multiple mounting methods (handheld, extension pole, backpack, vehicle, drone, etc.) can greatly broaden the application scenarios and easily meet various demands.
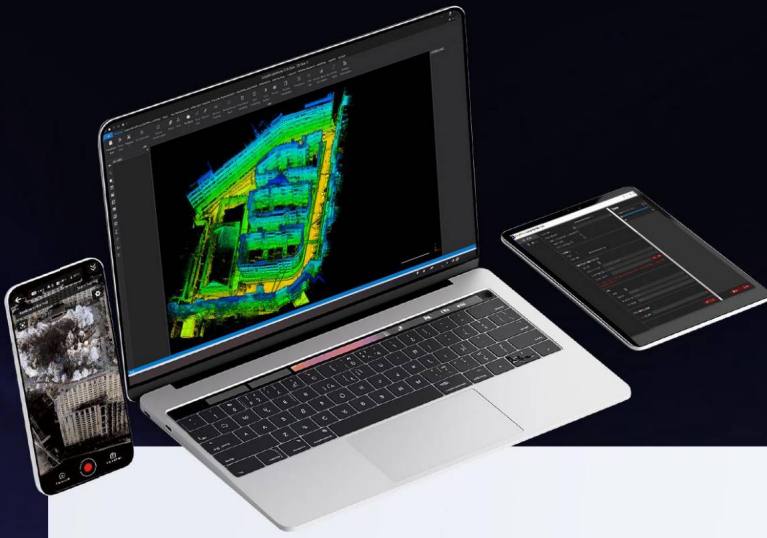
Handheld

Extension Pole

Backpack

UAV

Car-mounted

Scanner chest supporting system

GoSLAM Manager APP

GoSLAM mobile APP integrates functions such as device status viewing, scanner control for data collection, real-time point cloud data preview, local data processing, etc., breaking through physical limitations and allowing users to easily start and manage multiple scanning methods.

GoSLAM Mapping Master Pro

Desktop post-processing software, users can choose the device host and desktop processing methods according to their actual project.lt helps to improve the overall operation efficiency and meet various demands.

GoSLAM LidarWorks

GoSLAM LidarWorks is a comprehensive point cloud processing software that supports basic operations such as point cloud browsing, editing, conversion and stitching. It is equipped with a variety of industry application modules, such as forestry, sand ship measurement, pipeline measurement, etc.Furthermore,it optimizes the processing of GoSLAM scanner data to achieve convenient operation of automatic identification of supporting files.

Product Specifications

Product Name	T300i Pro		
Laser Level	Class 1	**IP Level**	65
Laser lines	32 Lines	**Working Time**	2h
Visual SLAM	Yes	**Working Temperature**	-35~50°C
Scanning Range	300m (Farthest)	**Working Status**	Color Touchable Screen, APP
Scanning Speed	640,000 PTS/Sec	**Built-in SSD**	1TB
Scanning FOV	360°x285°	**Scanning Positioning**	SLAM Technology (No GPS Required)
Processing Method	Device End, Desktop End	**Product Shell**	Aviation Grade Aluminum
Point Accuracy	lcm(Highest)	**Weight (Host)**	1.39KG
Resolution	2mm(Highest)	**Product Size**	26x12.98x28.25cm

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