SinoGNSS®
By ComNav Technology Ltd.

ScanView

User Guide

Version 1.0
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Copyright Notice

This is the V1.0(March, 2023) revision of the Z30/M10/M10 Mini GNSS Receiver User Guide. It cannot be copied or translated into any language without the written permission of ComNav Technology.

Technical Assistance

If you have any question and can't find the answer in this manual, please contact your local dealer from which you purchased the T300 receiver. Alternatively, request technical support from ComNav Technology Website: *www.comnavtech.com* or technical support email: *support@comnavtech.com*. Your feedback about this Guide will help us to improve it with future revisions. Please email your comments to: *support@comnavtech.com*.

Safety Information

Before using the receiver, please make sure that you have read and understood this user Guide, as well as the safety requirements.

- Connect your devices strictly based on this User guide
- Install the GNSS receiver in a location that minimizes vibration and moisture
- Avoid falling to ground, or colliding with other items
- To reduce radiation, please keep above 2 meters away from the radio station
- Change the cable if damaged

Related Regulations

The receiver contains integral Bluetooth® wireless technology and 4G. Regulations regarding the use of the datalink vary greatly from country to country. In some countries, the unit can be used without obtaining an end-user license. But in some countries the administrative

permissions are required. For license information, please consult your local dealer.

Use and Care

The receiver can withstand the rough treatment that typically occurs in the field. However, the receiver is high-precision electronic equipment and should be treated with reasonable care.

Warning and Caution

An absence of specific alerts does not mean that there are no safety risks involved. A Warning or Caution information is intended to minimize the risk of personal injury and/or damage to the equipment.

WARNING-A Warning alerts you to a potential risk of serious injury to your person and/or damage to the equipment, because of improper operations or wrong settings of the equipment.
CAUTION- A Caution alerts you to a possible risk of damage to the equipment and/or data loss.

Warranty Notice

ComNav Technology does not warranty devices damage because of force majeure (lighting, high voltage or collision).
ComNav Technology does not warranty the disassembled devices.

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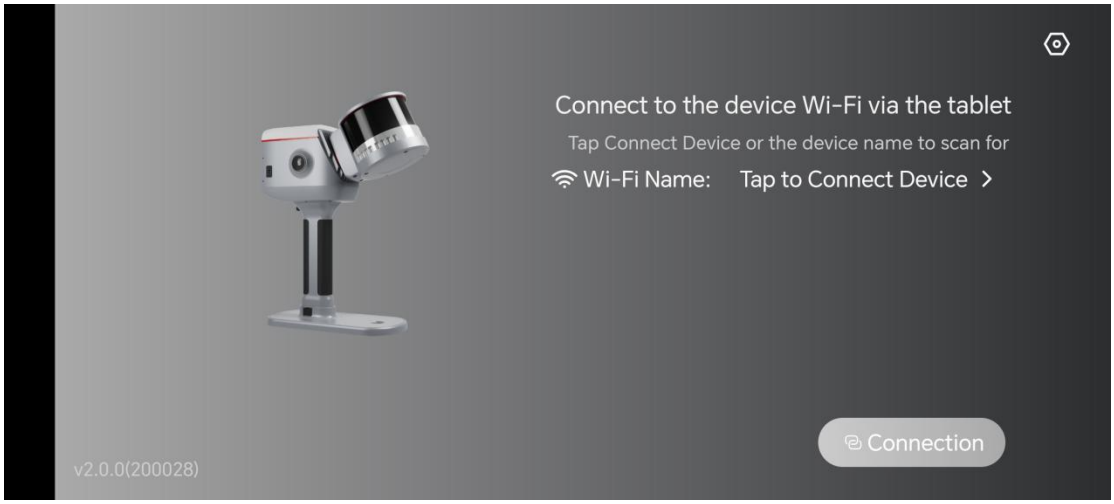
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1 Introduction

ScanView is ComNav Technology's proprietary mobile application designed specifically for the LS600 Handheld SLAM LiDAR Scanner. Featuring an intuitive user interface and streamlined workflow, it enables users to quickly connect to the LS600, configure device settings, and perform scanning tasks with ease. Equipped with comprehensive functions for data acquisition and device management, ScanView maximizes the performance of the LS600 across a wide range of surveying and mapping applications, delivering an efficient, reliable, and user-friendly experience.

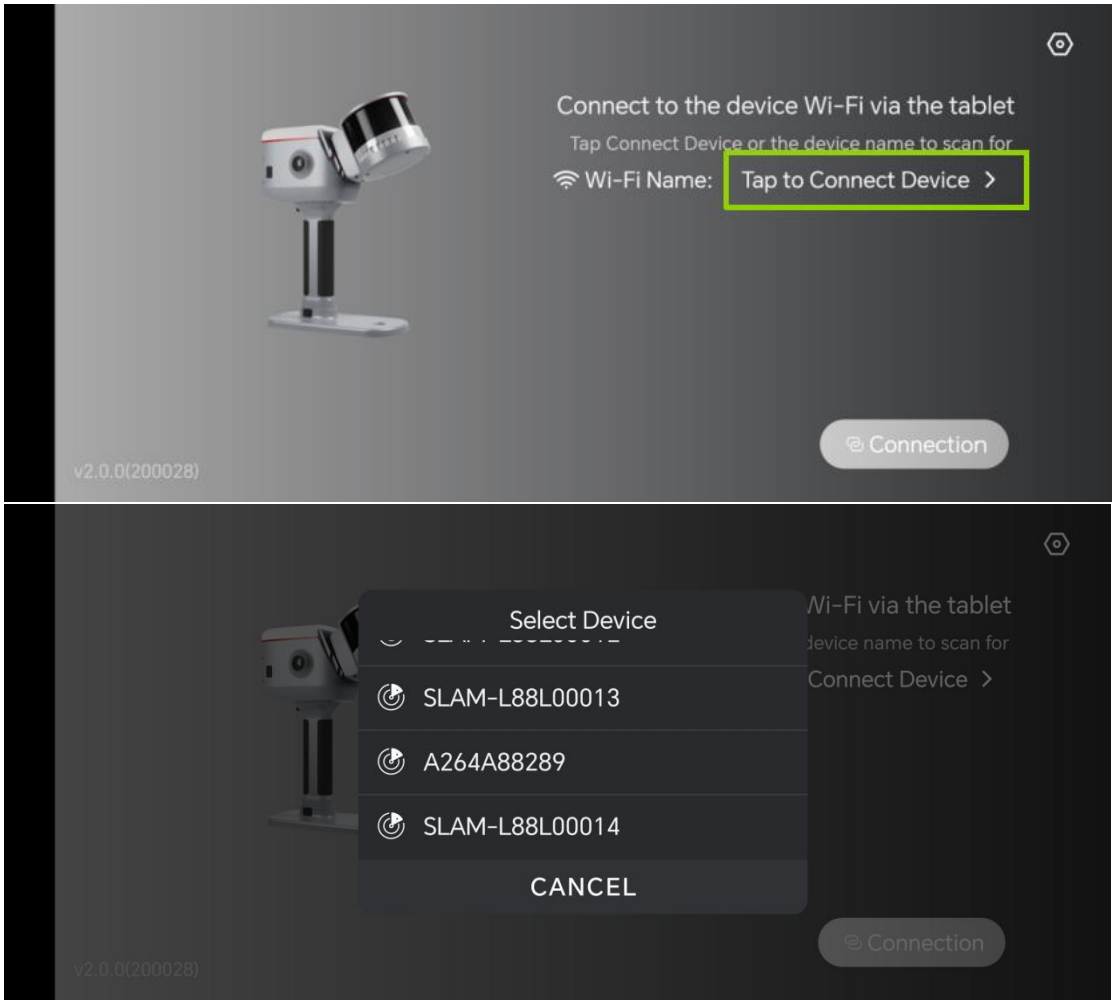
2 Main Interface

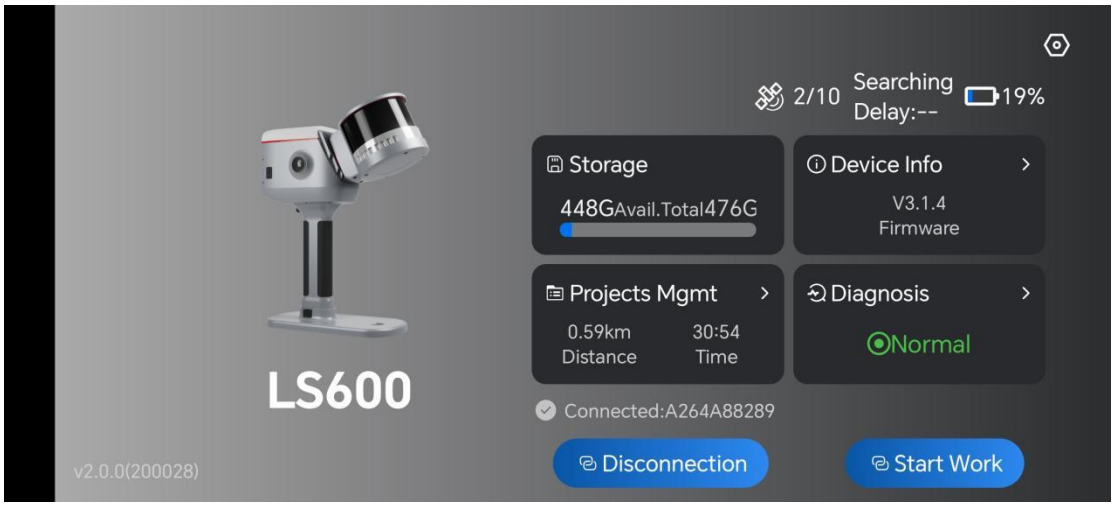


3 General Operation

3.1 Connection

Tap “Tap to connect device” and select the corresponding device by its Serial Number (SN). Once the connection is established, the software will enter the Main Interface, where you can view the device information and current status.

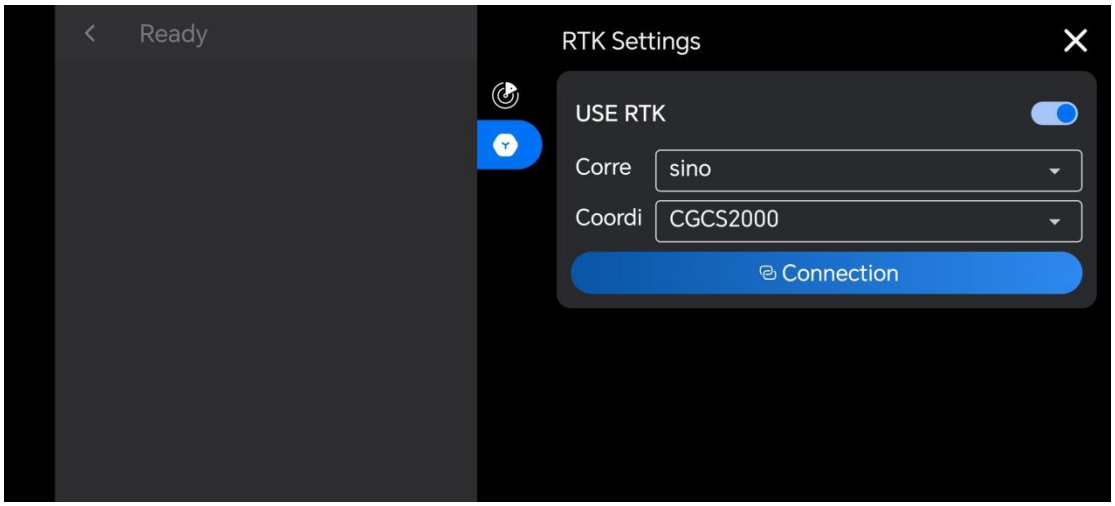


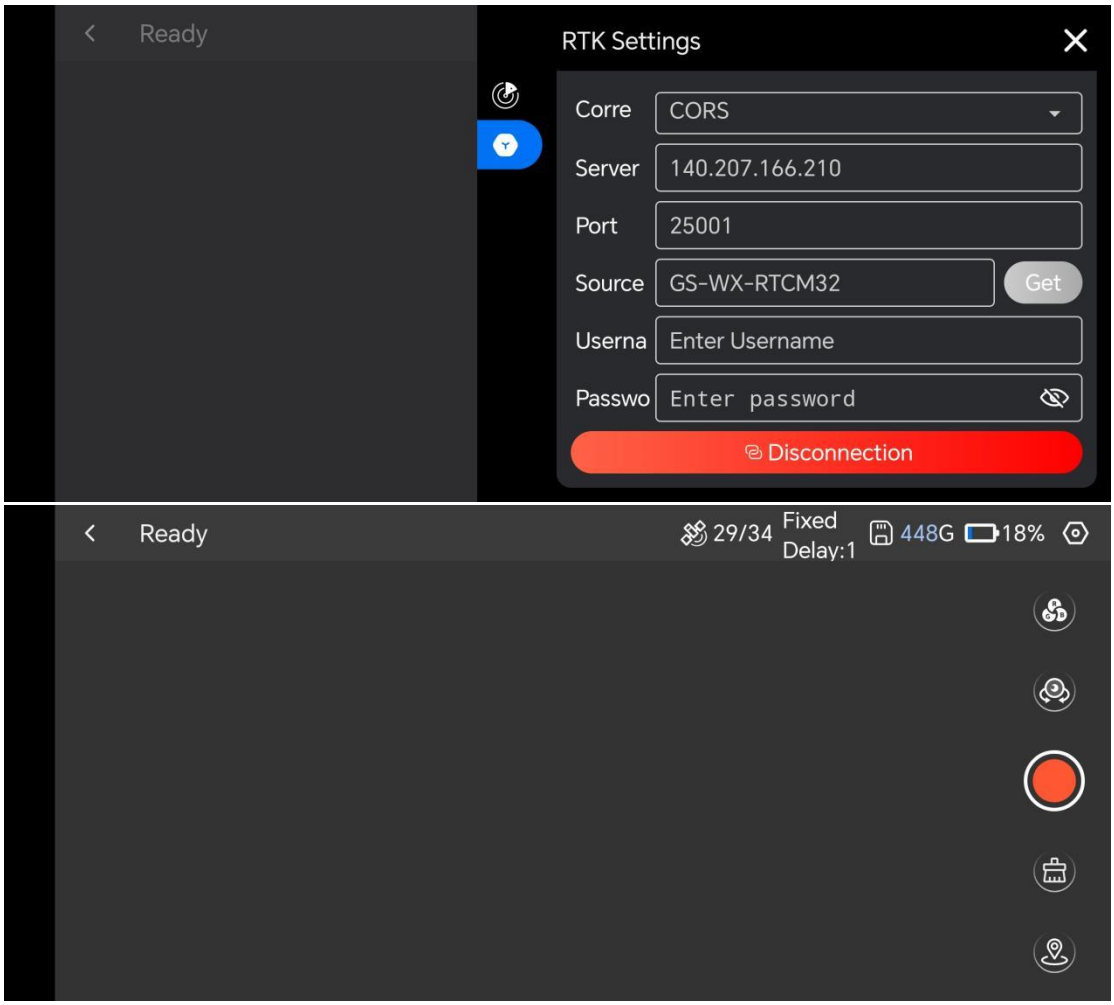


Tap “Start Work” in the lower-right corner to begin the scanning workflow.

3.2 Network CORS

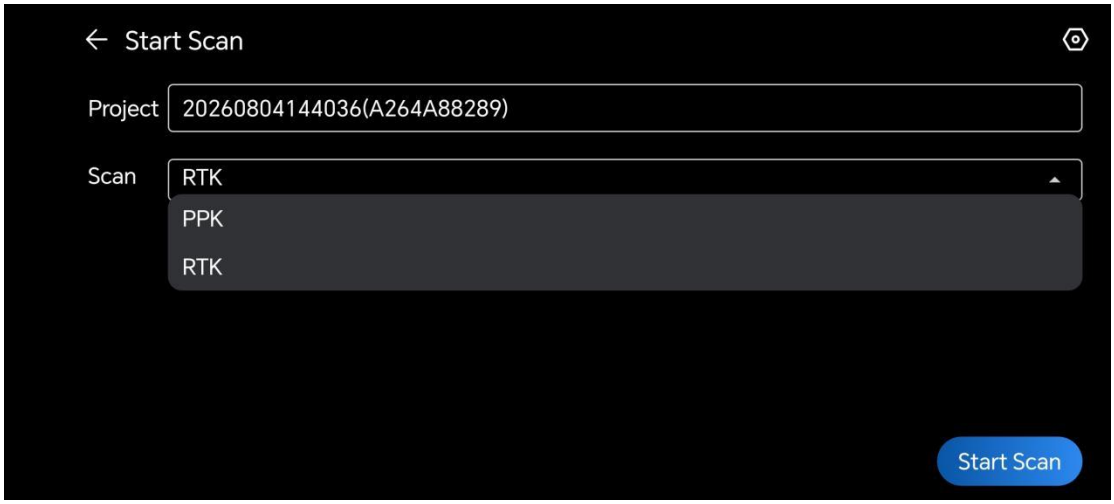
On the Preparation page, tap the Settings icon in the upper-right corner to configure the RTK connection. Enter the IP address, Port, Mount Point, Username, and Password, then connect to the CORS service. When the GNSS status changes from Single to Fixed, the RTK correction is ready for use.



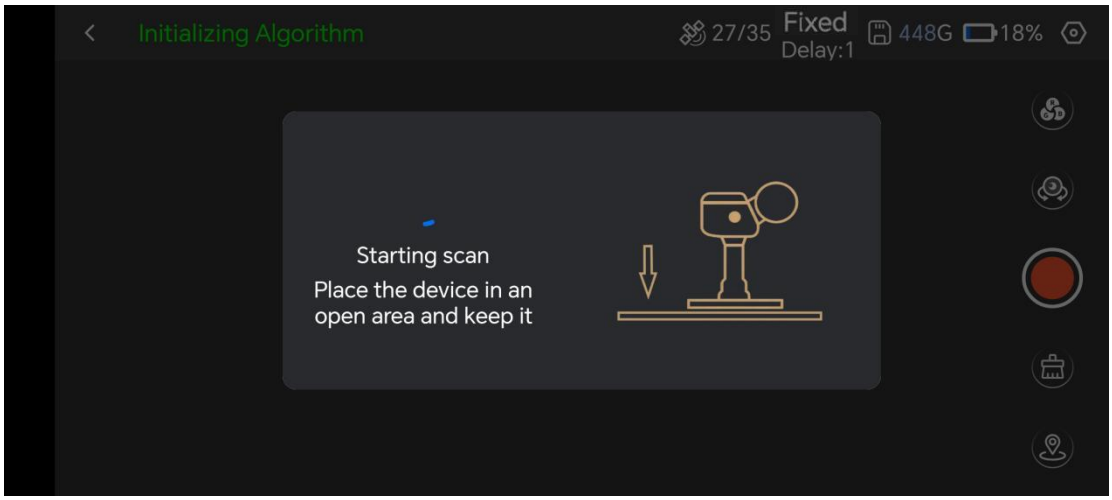


3.3 Scanning

After the CORS configuration is completed, enter a Project Name and select the desired Scanning Mode (RTK or PPK).

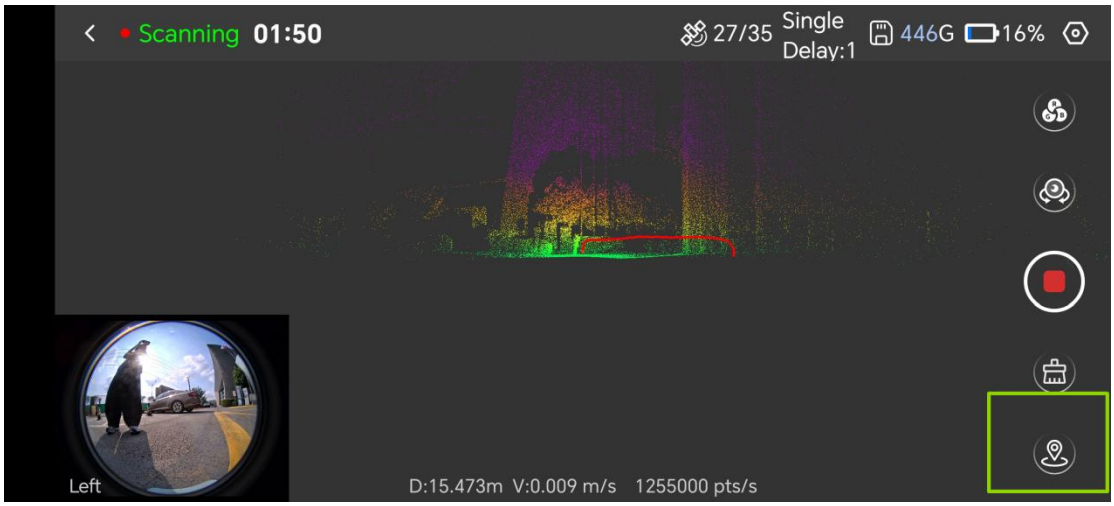


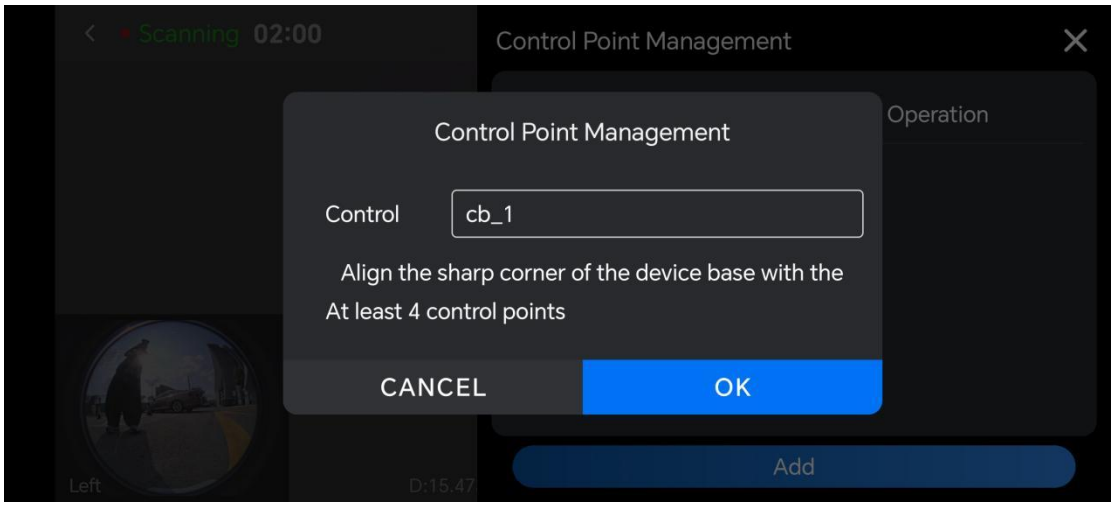
Tap the Start button to begin the initialization process. During initialization, keep the device level and stationary to ensure successful initialization.





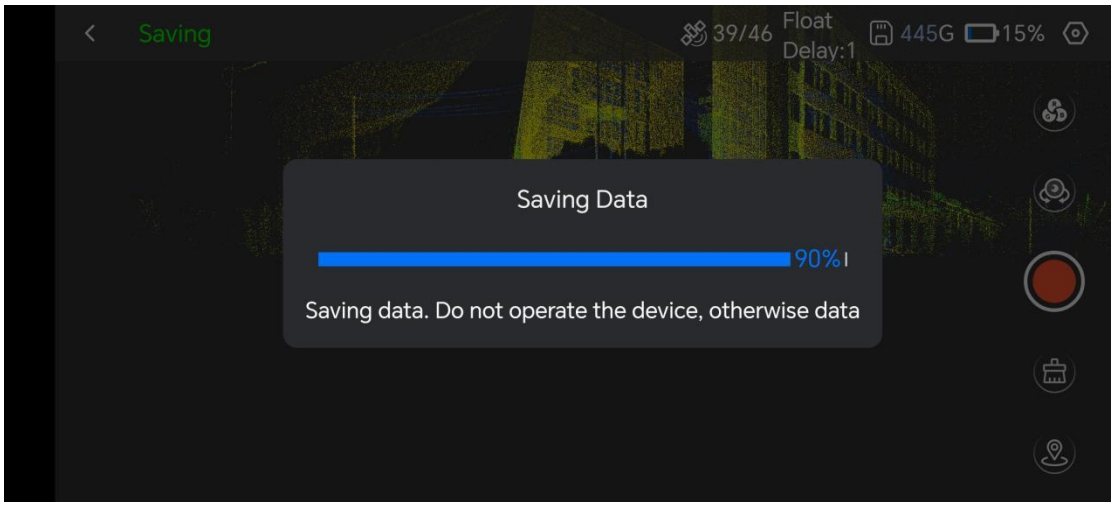
During the scanning process, if you need to record a control point, tap the Control Point button in the lower-right corner. Enter the point name, and the control point will be saved.





3.4 Data Saving

When the scan is complete, tap the red button again to stop scanning. The system will automatically begin saving the collected data.



In Storage Information, select Data Export Mode to transfer the collected data to your computer or other storage device.



