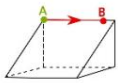


← Slope

Fixed 45 H:0.01 V:0.02 Swing 17.84° 46

Collect Direction Point



Down Slope

Left Bucket Tip

Center Bucket Tip

Right Bucket Tip

Instrument Collection

Coordinates

The greater the spacing between points A, B, and C, the higher the slope surface accuracy.

Collect Direction Point (B)

East(X):

North(Y):

elev:

Previous

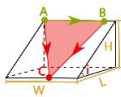
Next

Figure 4-18

← Slope

Fixed 31 H:0.02 V:0.03 INS GOOD -1.95° 54

Enter Slope Parameters



Collect Fixed Surface Point

Left Bucket Tip

Center Bucket Tip

Right Bucket Tip

Instrument Collection

Coordinates

The greater the spacing between points A, B, and C, the higher the slope surface accuracy.

Collect Fixed Point (C)

East(X):

North(Y):

elev:

Slope Ratio (i)

%

Unit: m

Enter Slope Height (H)

Not filling the slope height is considered as unlimited

Previous

Next

Figure 4-19

Enter the slope job map as shown in Figure 4-20. In the slope job interface, you can select the corresponding (left, center, or right) bucket tip as the displayed reference point at the top of the screen, showing the distance from that tip to the leveling plane. The upper right corner of the screen displays the EX30's lateral tilt angle (with the excavator boom and arm movement direction as the longitudinal axis), which can be considered the excavator's lateral tilt angle. The job page shows the INS status and the depth to be excavated or filled relative to the slope. By adjusting the boom and arm angles to maintain a good INS status, you can quickly perform slope work. If the leveling instrument is above the reference slope, the required excavation depth (▼) is shown; if it is below the reference slope, the required fill height (▲) is displayed.

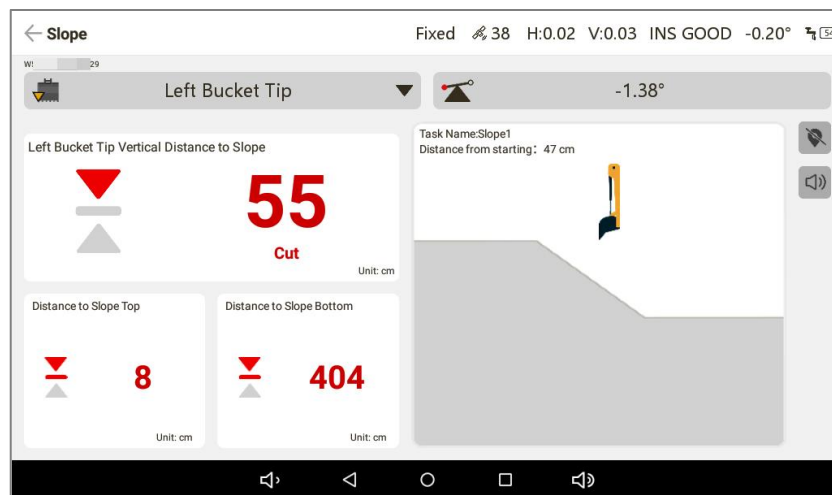


Figure 4-20

The map switch button  on the right can be used to turn the map on or off. The display interface with the map enabled is shown in Figure 4-21. On the map interface, you can tap  to locate the current position coordinates, and tap  to locate the current project position. Use two fingers to pinch and zoom on the screen. In addition, you can choose to enable or disable audio feedback during operations. When the INS status indicates that you need to 'Swing', the job interface will show that data is unavailable and no audio feedback will be played, as shown in Figure 4-22. In this case, you need to swing the bucket left and right until the data status becomes available again.

When the bucket tip is above the reference plane by more than 5 cm, the audio feedback plays a woodblock tapping sound at 2-second intervals. When the distance between the bucket tip and the reference plane is within 5 cm, a beeping sound is emitted at 2-second intervals. When the bucket tip is below the reference plane by more than 5 cm, the audio feedback plays a ticking sound, one beep every 2 seconds.

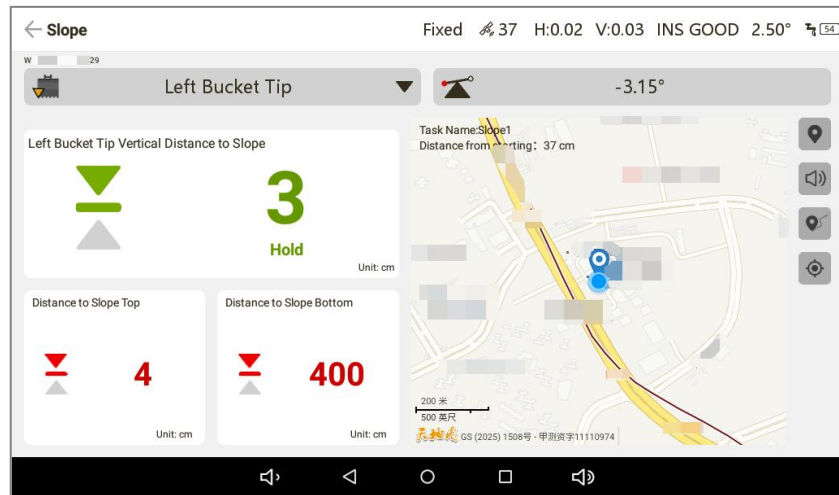


Figure 4-21

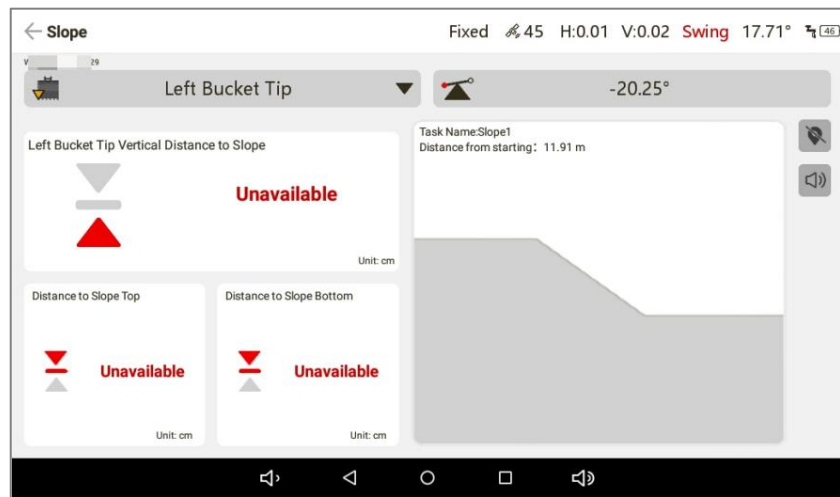


Figure 4-22

4.4 Trenching

Tap 'Trenching' on the 'Home' screen to enter the trenching job list interface, as shown in Figure 4-23. Tap 'New' at the bottom, enter the job name, and tap 'Next' to enter the trench type selection screen, as shown in Figure 4-24. Take 'Flat Bottom Trench' as an example, then tap 'Next' to enter the point collection screen. Trenching jobs require collecting coordinates for two points: the start point (**A**) and the end point (**B**). Swing the excavator arm until the INS status at the top displays 'INS GOOD', then select the corresponding bucket tip for collection, as shown in Figure 4-25.

Using the center bucket tip as an example, follow the instructions to collect points **A** and **B** in sequence (using the center bucket tip means using it as the reference point; the same applies to the left and right bucket tips).

When collecting point **A** or **B**, you need to enter the cut/fill value, as shown in Figure 4-26 and Figure 4-27. (Note: When creating a 'Downhill Trench' or 'Uphill Trench', pay attention to the cut/fill elevation settings for points **A** and **B**.) After point collection is complete, if you need to re-collect points **A** or **B**, you can tap the corresponding bucket tip to re-collect them on the coordinate collection page. Alternatively, you can select existing point coordinates from the 'Coordinates' to use as points **A** and **B**.

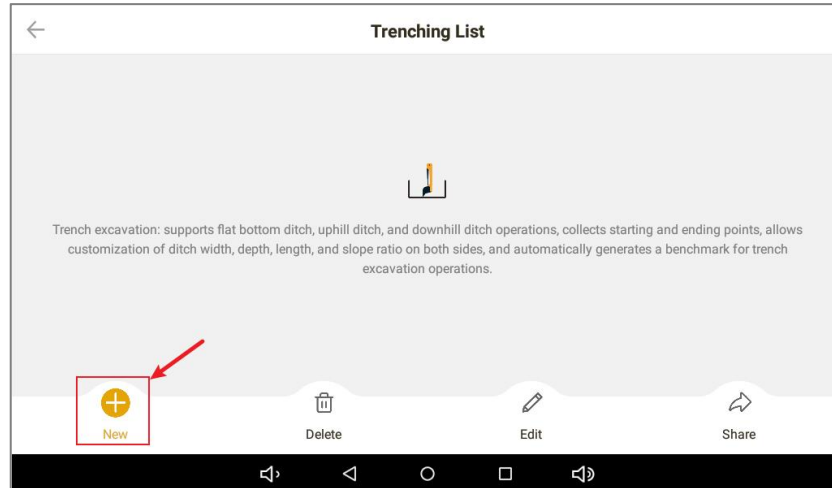


Figure 4-23

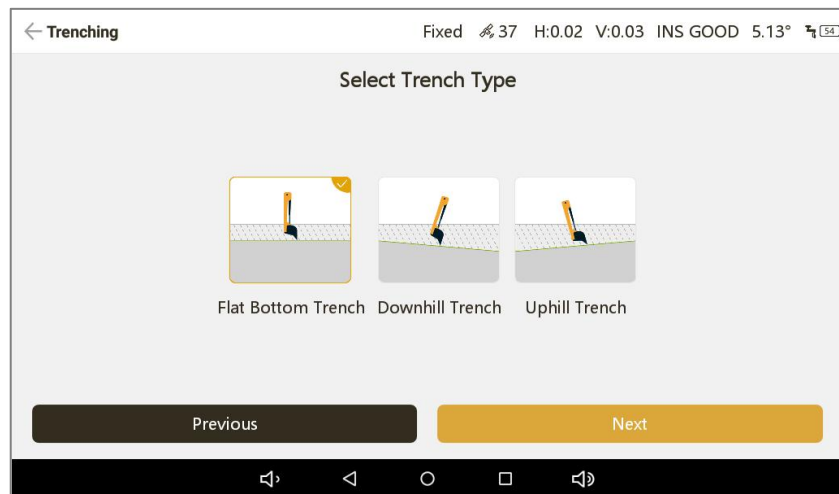


Figure 4-24

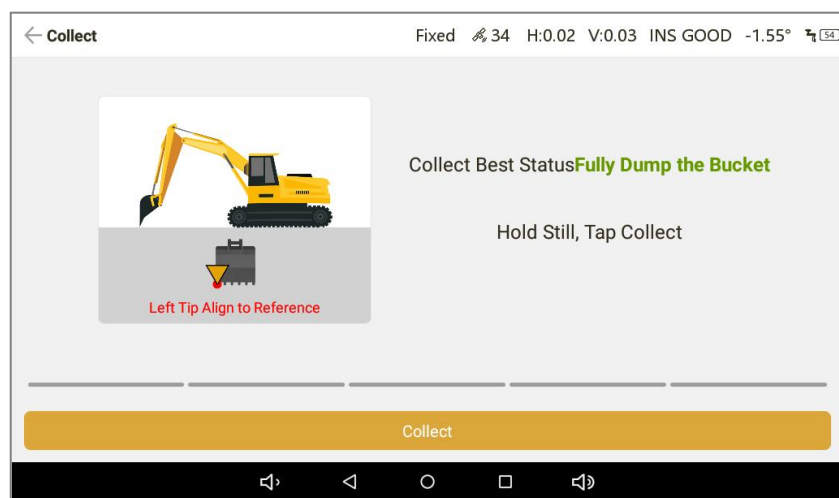


Figure 4-25

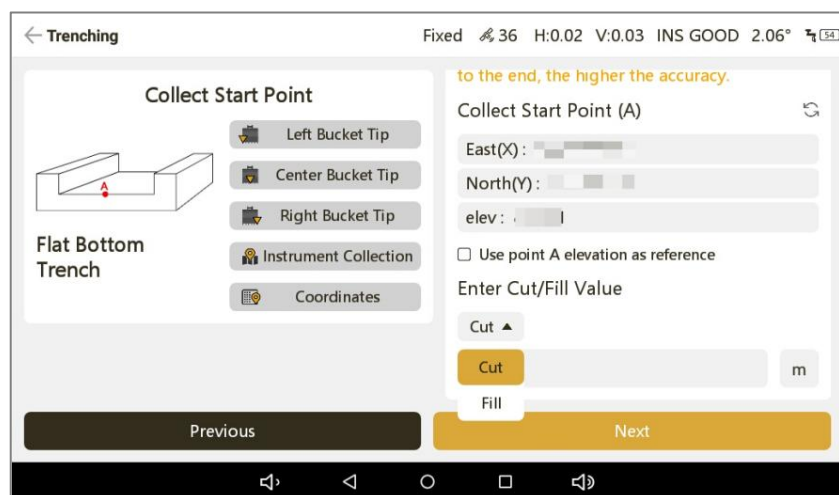


Figure 4-26

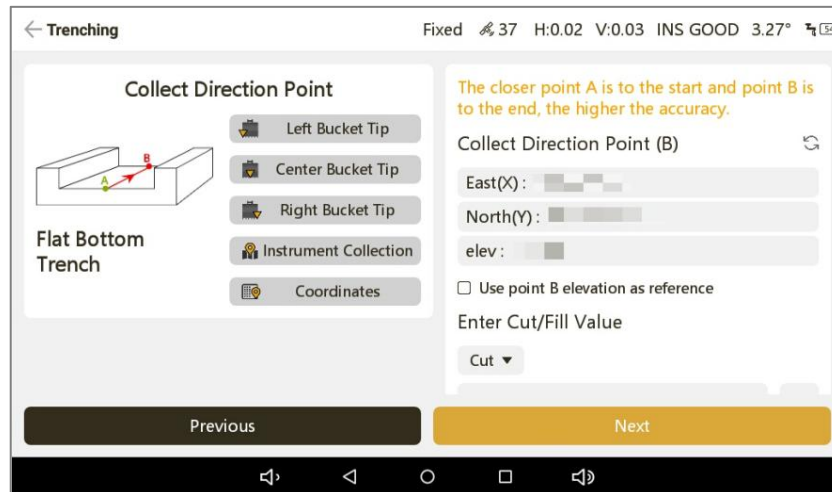


Figure 4-27

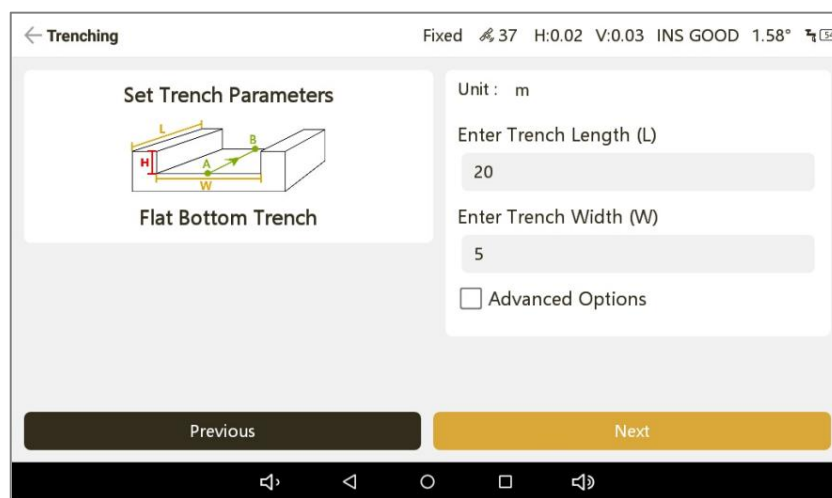


Figure 4-28

After collecting point B, tap 'Next' to set the trenching parameters and enter the corresponding trench length and width, as shown in Figure 4-28 above. After setting the length and width, tap 'Next' to enter the trenching job interface, as shown in Figure 4-29. In the trenching job interface, the bucket icon changes direction in real time according to the excavator's working posture. At the top of the screen, you can select the corresponding bucket tip (left, center, or right) as the displayed reference point, showing the distance from that tip to the leveling plane. The top of the screen also displays the EX30's lateral tilt angle (with the excavator boom and arm movement direction as the longitudinal axis), which can be considered the excavator's lateral tilt angle. The job page displays the horizontal distance from the bucket tip to the centerline and the horizontal distance to the target. If the leveling instrument is above the reference slope, the required excavation depth (▼) is shown; if it is below the reference slope, the required fill height (▲) is displayed.

The map switch button on the right (📍) can be used to turn the map on or off. The

display interface with the map enabled is shown in Figure 4-30. On the map interface, you can tap  to locate the current position coordinates, tap  to locate the current project position, and tap  to zoom in on the trenching work page and the map, as shown in Figure 4-31. Tap  in the lower right corner to swap the job direction (front and back of the start and end points). Use two fingers to pinch and zoom on the screen. In addition, you can choose to enable or disable audio feedback during operations. When the INS status indicates that you need to 'Swing', the job interface will show that data is unavailable and no audio feedback will be played, as shown in Figure 4-32.

When the bucket tip is above the reference plane by more than 5 cm, the audio feedback plays a woodblock tapping sound at 2-second intervals. When the distance between the bucket tip and the reference plane is within 5 cm, a beeping sound is emitted at 2-second intervals. When the bucket tip is below the reference plane by more than 5 cm, the audio feedback plays a ticking sound, one beep every 2 seconds.

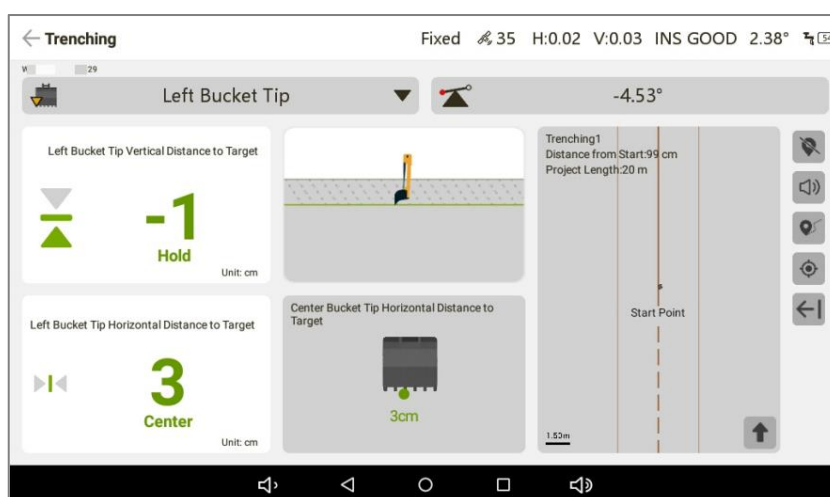


Figure 4-29

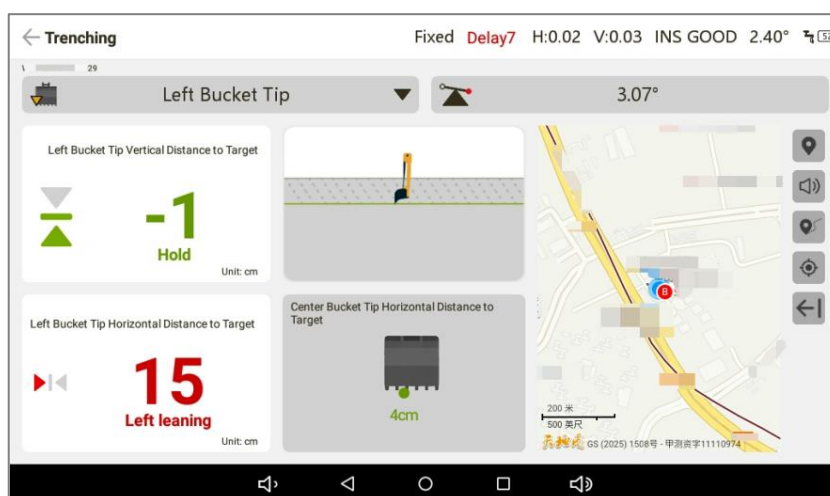


Figure 4-30

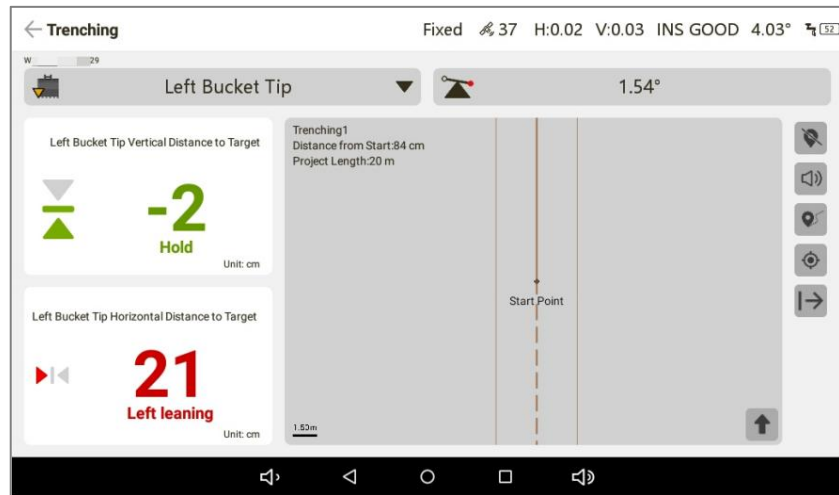


Figure 4-31

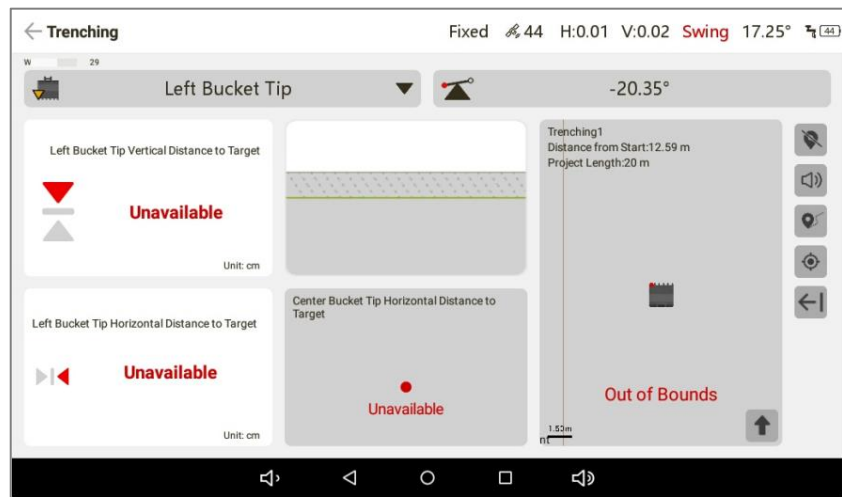


Figure 4-32

4.5 Ridge

Tap 'Home' → 'Ridge' to enter the ridge job list interface, as shown in Figure 4-33. Tap 'New', enter the job name, and tap 'Next' to enter the point collection screen. A ridge job requires collecting coordinates for two points: the start point **A** and the direction point **B**. Swing the excavator arm left and right until the top displays 'INS GOOD', then select the corresponding bucket tip for collection. Using the center bucket tip as an example, follow the instructions to collect points **A** and **B** in sequence (using the center bucket tip means using it as the reference point; the same applies to the left and right bucket tips). When collecting point **A** or **B**, you need to enter the cut/fill value, as shown in Figure 4-34. After point collection is complete, if you need to re-collect points **A** or **B**, you can tap the corresponding bucket tip to re-collect them on the corresponding coordinate collection page. Alternatively, you can select existing point coordinates from the 'Coordinates' to use as points **A** and **B**.

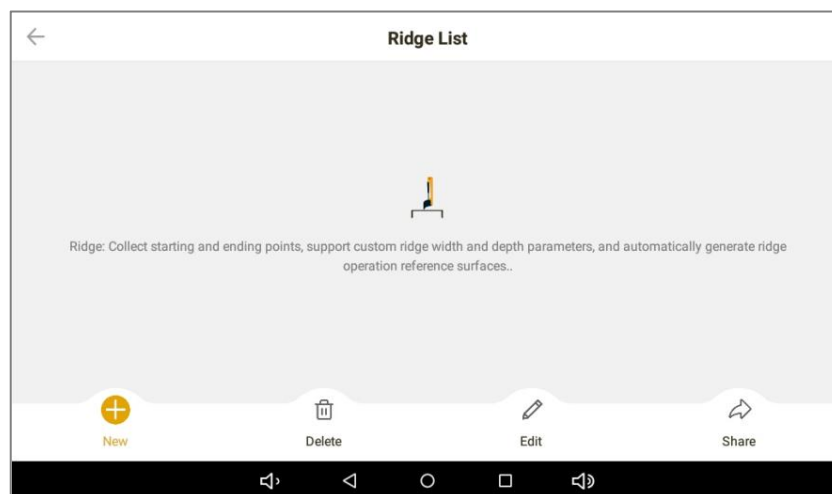


Figure 4-33

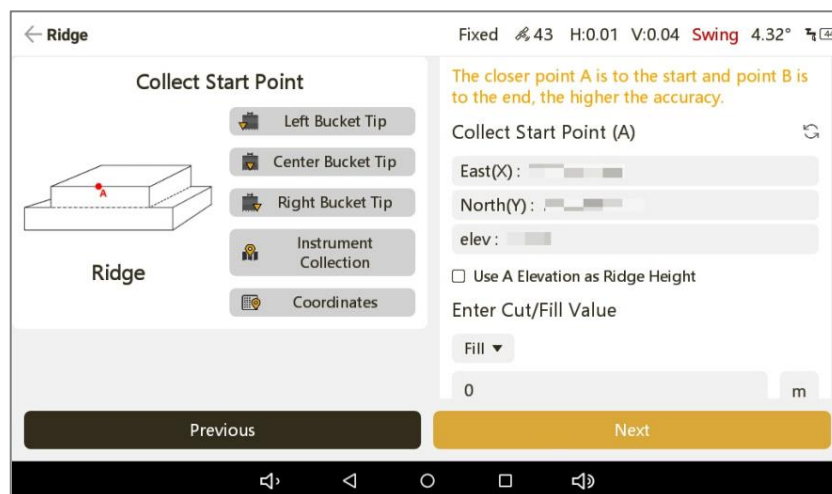
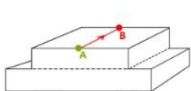


Figure 4-34

← Ridge Fixed 31 H:0.01 V:0.03 Swing 4.32° (44)

to the end, the higher the accuracy.

Collect Direction Point



Ridge

- Left Bucket Tip
- Center Bucket Tip
- Right Bucket Tip
- Instrument Collection
- Coordinates

Collect Direction Point (B)

East(X) :

North(Y) :

elev :

☐ Use B Elevation as Ridge Height

Enter Cut/Fill Value

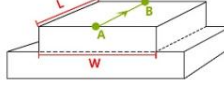
Fill m

Previous Next

Figure 4-35

← Ridge Fixed 33 H:0.02 V:0.03 INS GOOD 7.41° (52)

Set Ridge Parameters



Ridge

Unit : m

Enter Ridge Length (L)

Enter Ridge Width (W)

Previous Next

Figure 4-36

After collecting point **B**, tap 'Next' to set the ridge parameters, and enter the corresponding length and width for the ridge, as shown in Figure 4-36. After setting the length and width, tap 'Next' to enter the ridge job interface, as shown in Figure 4-37. In the ridge job interface, you can select the corresponding bucket tip (left, center, or right) for job display at the top left of the screen. The upper right corner displays the EX30's lateral tilt angle (with the excavator boom and arm movement direction as the longitudinal axis), which can be considered the excavator's lateral tilt angle. The screen shows the INS status and the depth to be excavated or filled relative to the slope. As long as you adjust the boom and arm angles to maintain a good INS status, you can determine the position of the instrument relative to the ground and quickly perform excavation or filling. If the leveling instrument is above the reference plane, the required excavation depth (▼) is shown; if it is below, the required fill height (▲) is displayed.

The map switch button on the right () can be used to turn the map on or off. The display interface with the map enabled is shown in Figure 4-38. On the map interface, you can tap  to locate the current position coordinates, tap  to locate the current project position, and tap  to zoom in on the trenching work page and the map, as shown in Figure 4-39. Tap  in the lower right corner to swap the job direction (front and back of the start and end points). You can also use two fingers to pinch and zoom on the screen. In addition, you can choose to enable or disable audio feedback during operations. When the INS status indicates that you need to 'Swing', the job interface will show that data is unavailable and no audio feedback will be played, as shown in Figure 4-40.

When the bucket tip is above the reference plane by more than 5 cm, the audio feedback plays a woodblock tapping sound at 2-second intervals. When the distance between the bucket tip and the reference plane is within 5 cm, a beeping sound is emitted at 2-second intervals. When the bucket tip is below the reference plane by more than 5 cm, the audio feedback plays a ticking sound, one beep every 2 seconds.

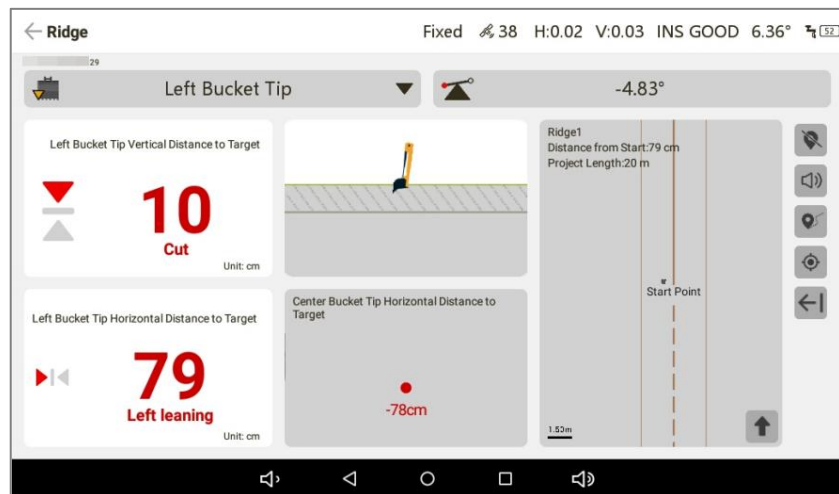


Figure 4-37

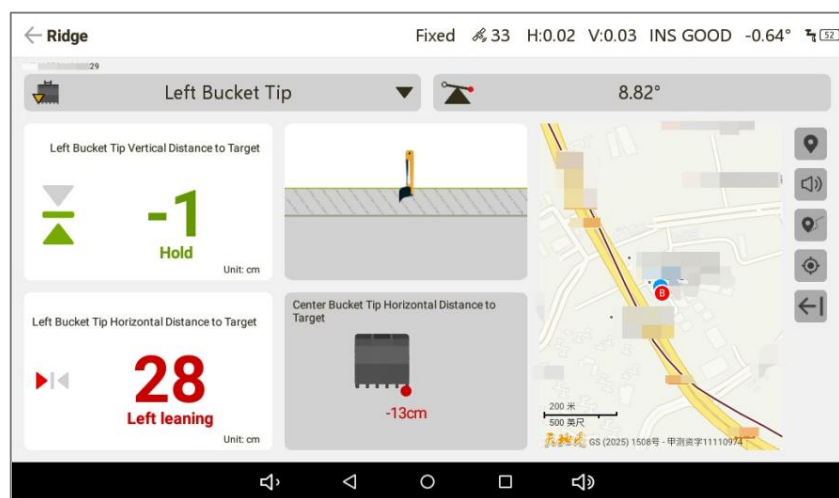


Figure 4-38

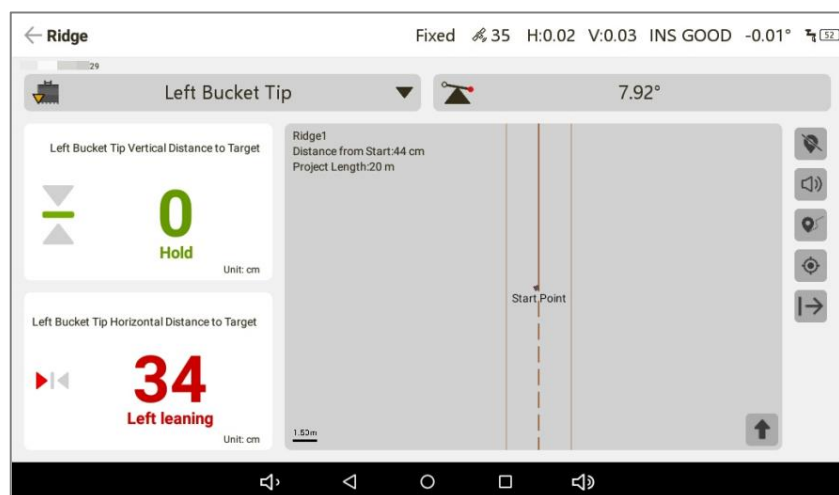


Figure 4-39

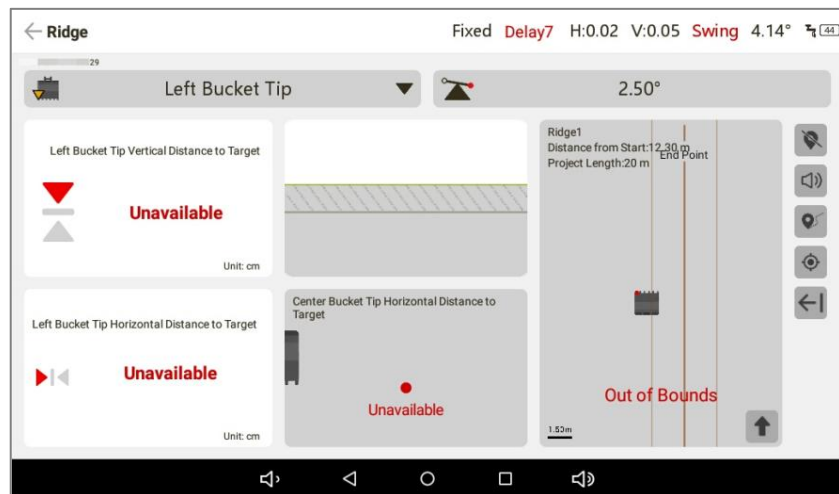


Figure 4-40

4.6 Coordinates

Tap 'Coordinates' on the 'Home' screen to enter the coordinate point library interface, as shown in Figure 4-41. Here you can perform coordinate point collection operations, as well as delete or modify stored coordinate points. Tap 'New' at the bottom to name the point, then after naming, tap 'Next' to enter the coordinate collection screen, as shown in Figure 4-42. There are two coordinate types available: 'Geodetic Coordinates' and 'Plane Coordinates'. By default, 'Plane Coordinates' is used. Select the bucket tip to be used; here we take the center bucket tip as an example (using the center bucket tip means using it as the reference point; the same applies to the left and right bucket tips). Tap the corresponding bucket tip, and when the INS status at the top of the screen displays 'INS GOOD' after swinging the excavator arm, the XFIX Excavator Leveling Instrument EX30 is ready. You can tap 'Collect' to collect the current position coordinates, as shown in Figure 4-43. After collection is complete, the easting and northing of the plane coordinates are displayed, as shown in Figure 4-44.

Tap 'Next' to automatically save and return to the coordinate point library interface, as shown in Figure 4-45. In the coordinate library, tap a coordinate point name to enter the point details screen, where you can view the plane coordinates and geodetic coordinates of that point, as shown in Figure 4-46. In the coordinate library, you can also long-press a point name to modify and re-collect the coordinate point.

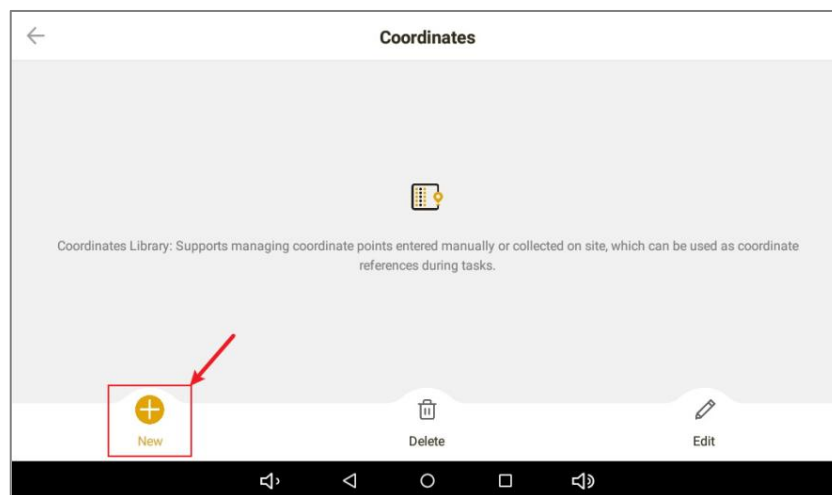


Figure 4-41

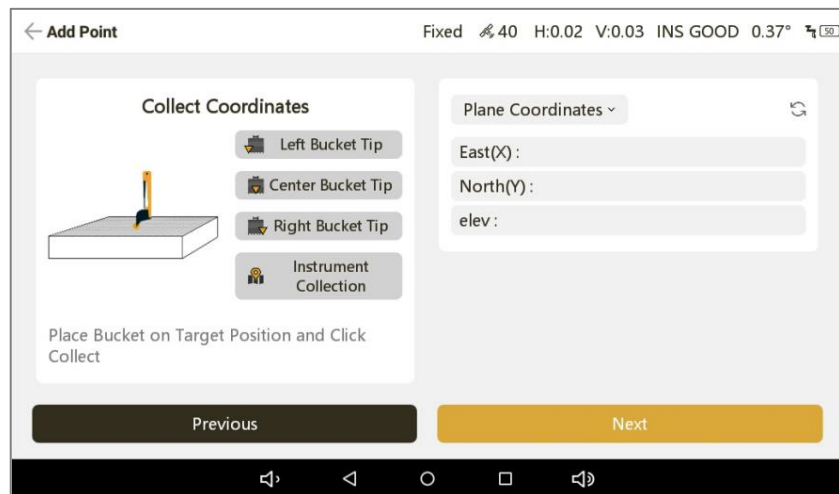


Figure 4-42

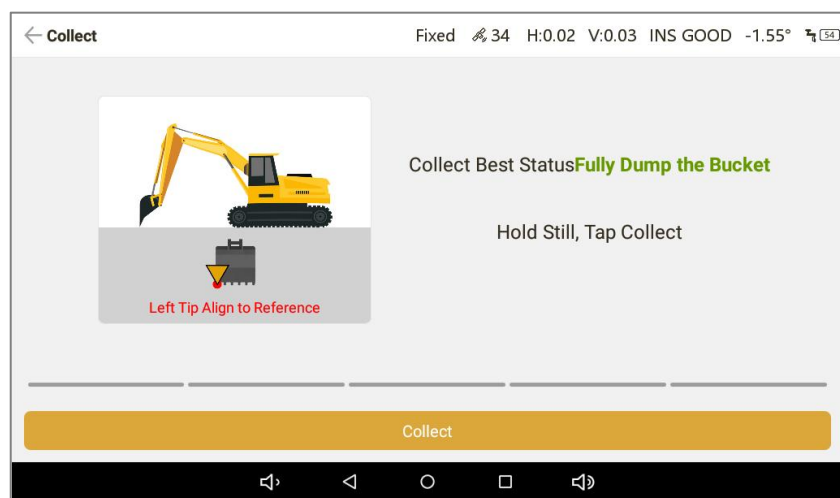


Figure 4-43

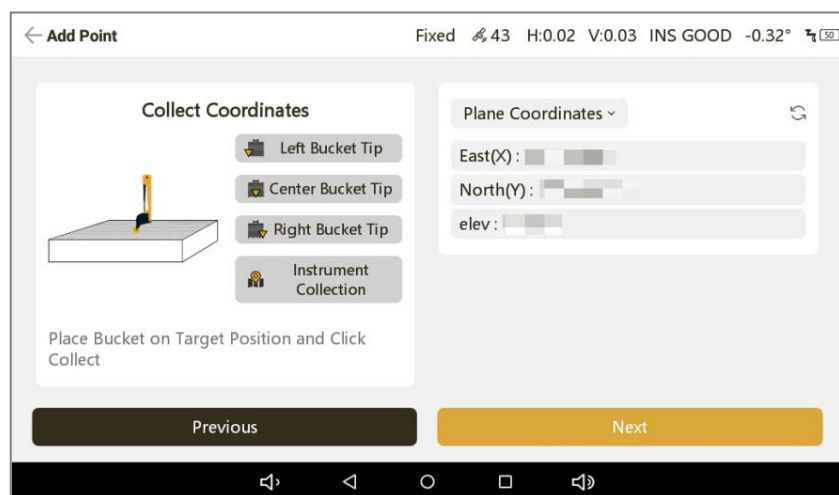


Figure 4-44

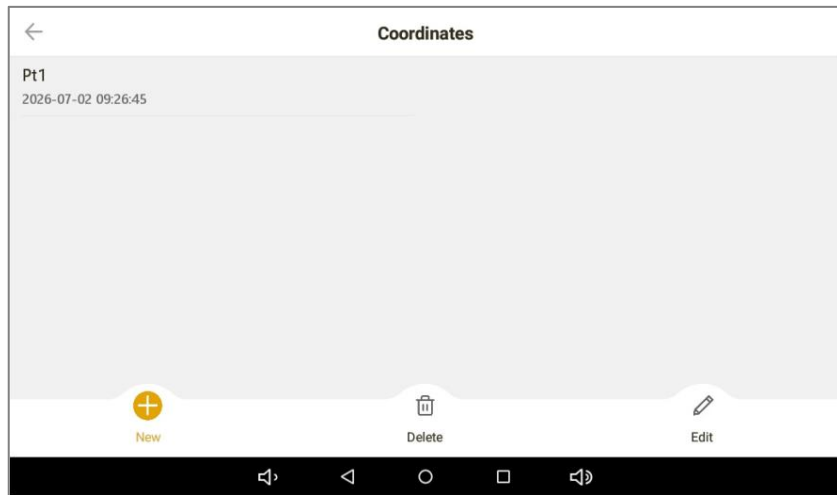


Figure 4-45

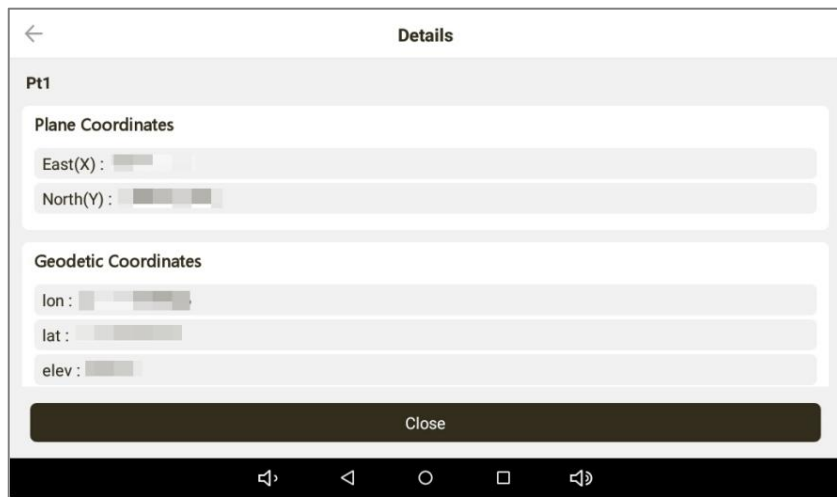


Figure 4-46

4.7 Share

Tap 'Share' on the 'Home' screen. To use the share function, you must first log in to a user account in 'User Management'. If you tap 'Share' without logging in, a prompt will appear asking you to log in. Follow the instructions to log in to your account (after logging in, the jobs associated with that account in the cloud will be automatically added to this device's job list). After logging in, tap 'Share' to enter the share interface, as shown in Figure 4-47, which displays two options: 'New' and 'Join'. Tap 'New' to create a shared project, as shown in Figure 4-48.

Enter a share name. If you tap 'Submit' without entering a name, a prompt will appear saying 'Name Cannot Be Empty' and will suggest using a default name. After naming, tap 'Add Project' to open the job selection dialog, where you can select the job to be shared, as shown in Figure 4-49.

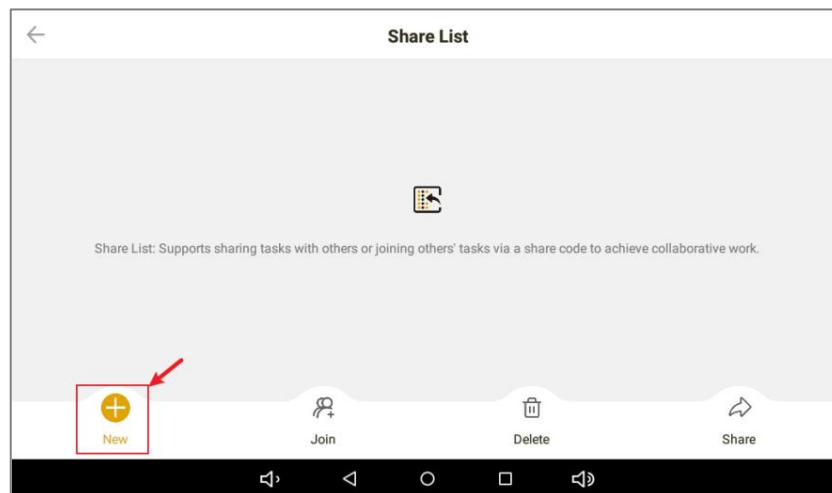


Figure 4-47

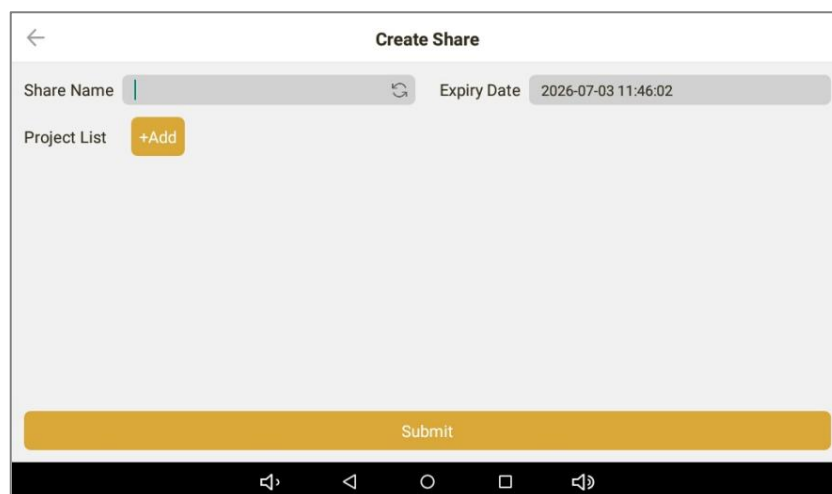


Figure 4-48

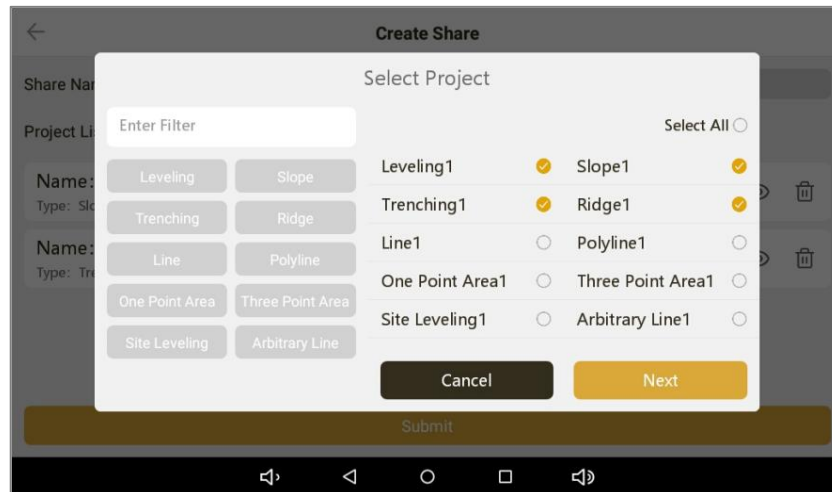


Figure 4-49

Tap 'Confirm', and the selected jobs will be automatically arranged in the 'Associated Projects' list, as shown in Figure 4-50. Tap 'Submit' to exit to the share list, and a prompt will appear with two sharing options: 'Copy Share Code' and 'Share', as shown in Figure 4-51. 'Copy Share Code' allows you to copy and paste the share code to others. In the share list, long-press a shared project to modify or delete its information, or tap 'Share' to share the job project with others.

In the share list, tap 'Join' to enter a share code from another user and join their shared project, as shown in Figure 4-52. Tap 'Confirm' to access the shared project, as shown in Figure 4-53, where you can view the related jobs. Tap 'Submit' to save this shared project to your share list. Projects shared by others will be marked with 'From Share' in the share list, as shown in Figure 4-54. Similarly, you can copy the full share code information from others, open the XFIX app, and retrieve and save the shared project information. The jobs from saved shared projects will be stored in their respective job type lists, with 'From Share' appended to the job name to indicate that it is a job shared by another user.

← **Create Share**

Share Name  Expiry Date

Project List +Add

Name: Slope1
Type: Slope

Name: Trenching1
Type: Trenching

Name: Leveling1
Type: Leveling

Name: Ridge1
Type: Ridge

Submit

Figure 4-50

← **Share List**

Share1
2026-07-02 11:47:05

Select Share Method

Copy Share Code
Share


New

Join

Delete

Share

Figure 4-51

← **Join**

Enter Share Code

88024307

Confirm

Figure 4-52

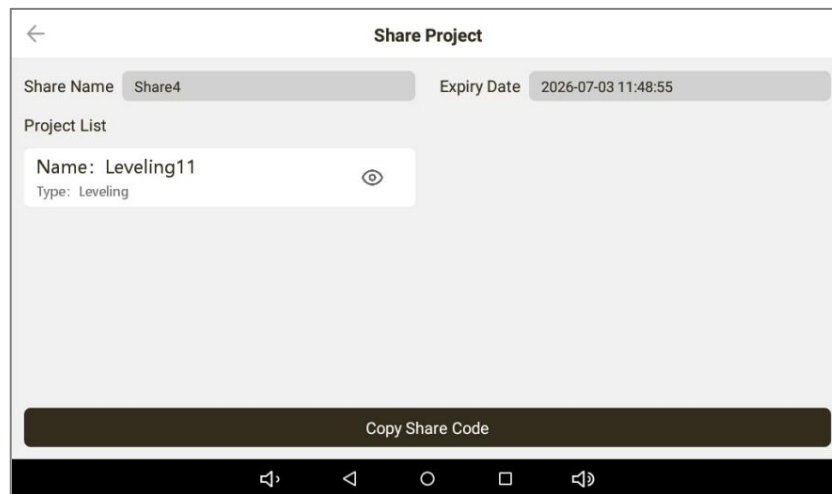


Figure 4-53

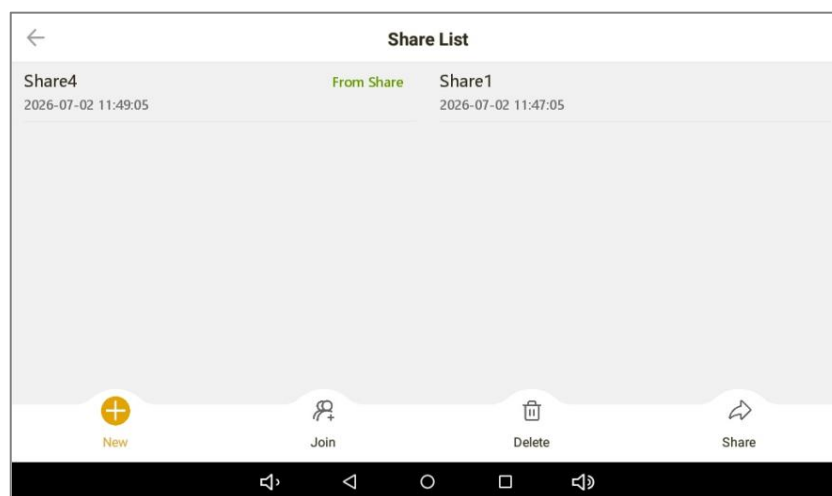


Figure 4-54

4.8 Line

Tap 'Line' on the 'Home' screen to enter the straight line layout list, as shown in Figure 4-55. Tap 'New' at the bottom, enter the job name, and tap 'Next' to enter the start point **A** collection screen. Tap the corresponding bucket tip to enter the reference point collection interface, then select the appropriate bucket tip for collection, as shown in Figure 4-56 (when collecting the reference point, if the excavator body is tilted, one side of the bucket tip will touch the reference point first; using that side for measurement will yield greater accuracy). After tapping the corresponding bucket tip, you will enter the collection screen. When the INS status at the top of the screen displays 'Swing', the XFIX Excavator Leveling Instrument EX30 is in an unconverged inertial measurement state, and you need to swing the excavator arm left and right to calibrate the inertial measurement. When the top information bar displays 'INS GOOD', the EX30 inertial measurement is ready for use, and you can collect the current position coordinates, as shown in Figure 4-57. After collection is complete, it will automatically return to the reference point position screen. Tap 'Next' at the bottom to proceed. Use the same method to collect the direction point **B**.

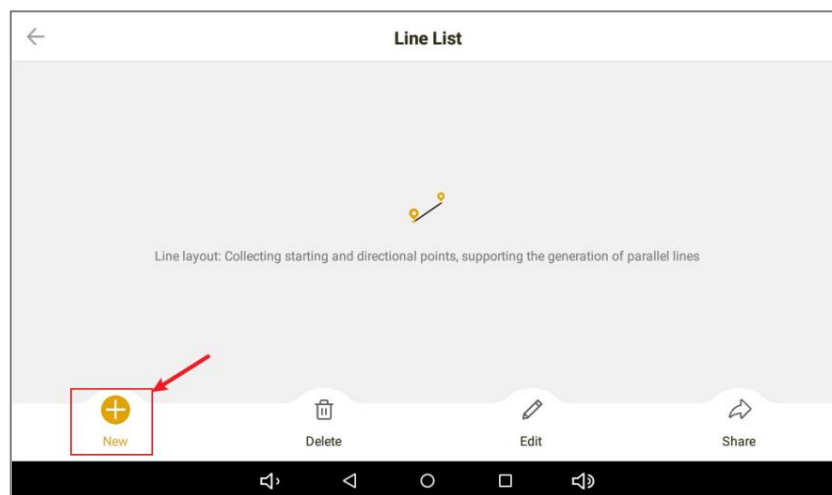


Figure 4-55

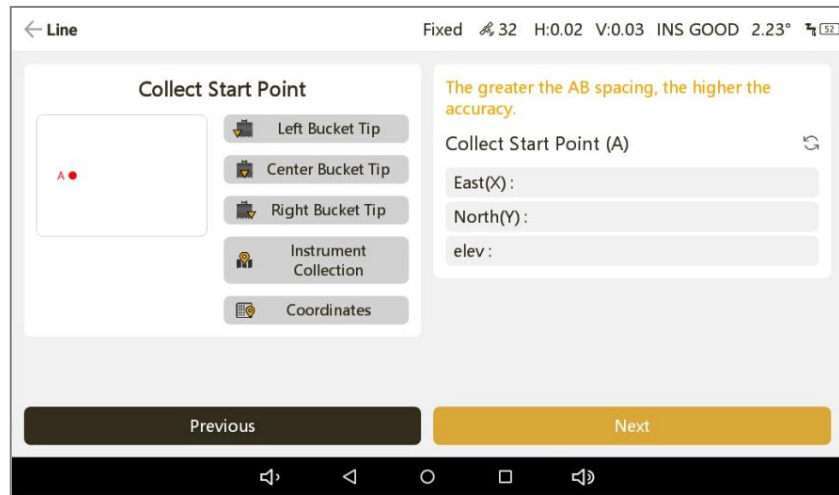


Figure 4-56

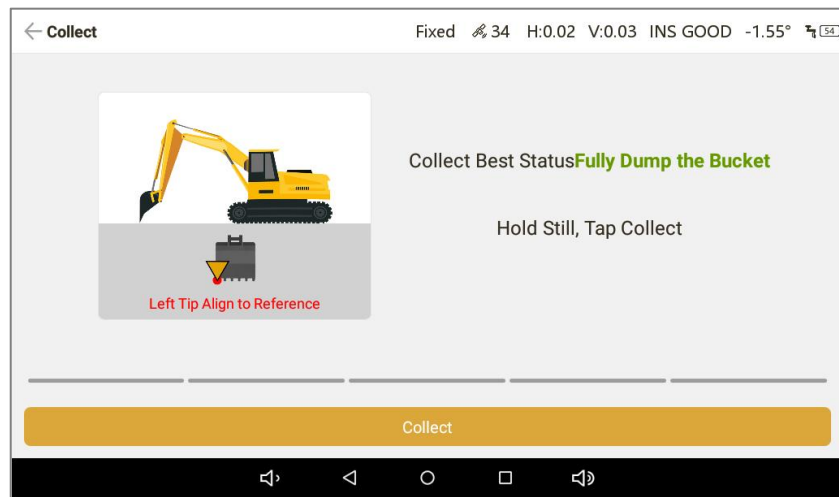


Figure 4-57

After collecting points **A** and **B**, enter the AB line parameter setup screen, as shown in Figure 4-58. You can set the required cut/fill depth for points **A** and **B**, as well as the length for the straight line layout. The default line length is the distance between points **A** and **B**. The slope of the layout line can also be set by entering either the **AB** height difference or the **AB** slope (for example: if the cut/fill values for **A** and **B** are both 0 m, setting the **AB** slope to 60% will automatically generate a height difference of 0.6 m, with a cut of 0.6 m at point **B**). You can choose to enable or disable 'Add Parallel Lines' as needed. If enabled, you can add parallel lines at specified intervals from the layout line, and set the number of parallel lines on each side (up to 10 lines in total), as shown in Figure 4-59.

Tap 'Next' to enter the pile-by-pile layout setup screen, where you can choose whether to enable this feature as needed, as shown in Figure 4-60. For example, with a layout length of 1 meter and an interval of 0.25 m, after entering the job page, 5 red dots will appear at 0.25 m intervals along the straight line, as shown in Figure 4-62.

The screenshot shows a mobile application interface for setting line parameters. At the top, a status bar displays 'Fixed', a compass icon, '34', 'H:0.02', 'V:0.03', 'INS GOOD', '-9.76°', and a location pin icon. The main title is 'Line'. Below the title, there's a section 'Please set AB line parameters' with a diagram showing a horizontal line segment between points A and B. To the right, there are input fields for 'Enter point A Cut/Fill Value' (set to 0 m), 'Enter point B Cut/Fill Value' (set to 0 m), and 'Please enter the length of the straight line' (set to 0.85 m). At the bottom, there are 'Previous' and 'Next' buttons. The bottom navigation bar shows standard Android icons.

Figure 4-58

The screenshot shows the same mobile application interface, but with additional parameters visible. The status bar now shows 'Fixed', a compass icon, '36', 'H:0.02', 'V:0.03', 'INS GOOD', '6.19°', and a location pin icon. The 'Please set AB line parameters' section remains the same. To the right, there are additional input fields: 'AB Slope' (set to -0.1 %), 'Add Parallel Lines' (a toggle switch that is turned on), 'Parallel Line Spacing' (an empty input field with 'm' as a unit), 'Generate On Right' (an empty input field with 'lines' as a unit), and 'Generate On Left' (an empty input field with 'lines' as a unit). The 'Previous' and 'Next' buttons are still at the bottom. The bottom navigation bar shows standard Android icons.

Figure 4-59

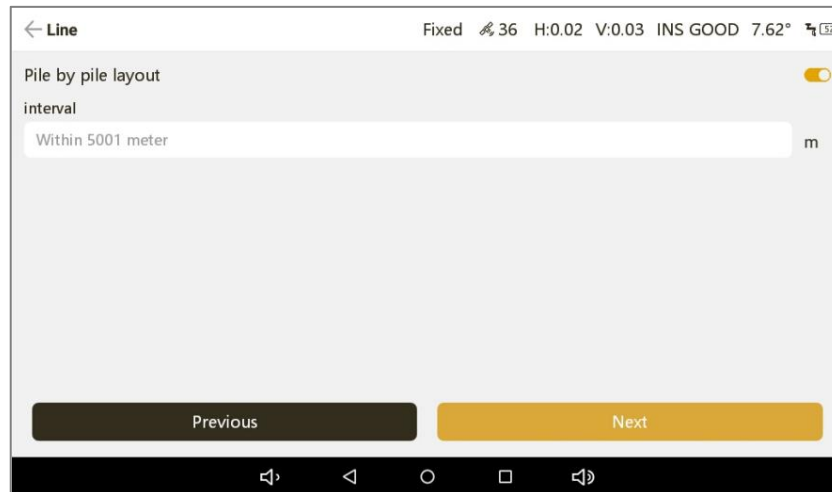


Figure 4-60

After configuring the pile-by-pile layout, tap 'Next' to exit to the straight line layout list, as shown in Figure 4-61. The added parallel lines will be named and distinguished in the layout line name with L1~L10 and R1~R10 respectively (L represents right, R represents left). Tap the created layout line name to enter the job, as shown in Figure 4-62. In the job interface, you can select the corresponding bucket tip (left, center, or right) as the displayed reference point at the top left of the screen, showing the distance from that tip to the leveling plane. The upper right corner of the screen displays the EX30's lateral tilt angle (with the excavator boom and arm movement direction as the longitudinal axis), which can be considered the excavator's lateral tilt angle. The job page displays the horizontal distance from the bucket tip to the centerline and the horizontal distance to the target. If the leveling instrument is above the reference slope, the required excavation depth (▼) is shown; if it is below the reference slope, the required fill height (▲) is displayed.

The map switch button on the right (📍) can be used to turn the map on or off. The display interface with the map enabled is shown in Figure 4-63. On the map interface, you can tap 📍 to locate the current position coordinates, tap 📍 to locate the current project position, and tap 📍 in the lower right corner to swap the job direction (front and back of the start and end points). Use two fingers to pinch and zoom on the screen. In addition, you can choose to enable or disable audio feedback during operations. When the INS status indicates that you need to 'Swing', the job interface will show that data is unavailable and no audio feedback will be played.

When the bucket tip is above the reference plane by more than 5 cm, the audio feedback plays a woodblock tapping sound at 2-second intervals. When the distance between the bucket tip and the reference plane is within 5 cm, a beeping sound is

emitted at 2-second intervals. When the bucket tip is below the reference plane by more than 5 cm, the audio feedback plays a ticking sound, one beep every 2 seconds.

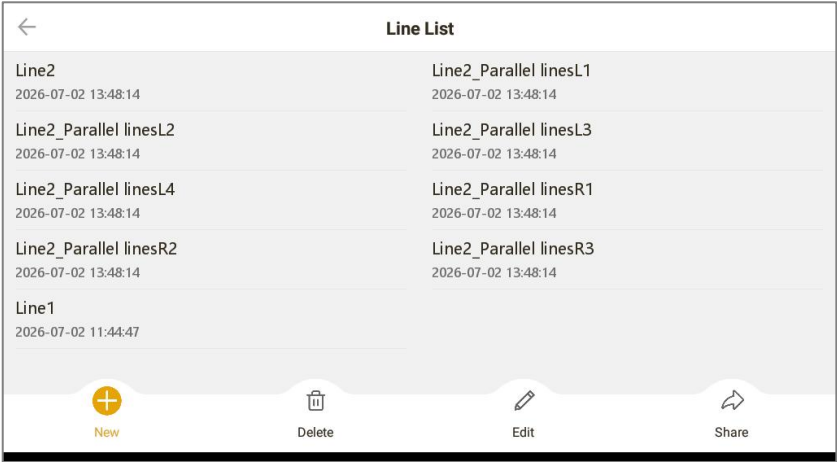


Figure 4-61

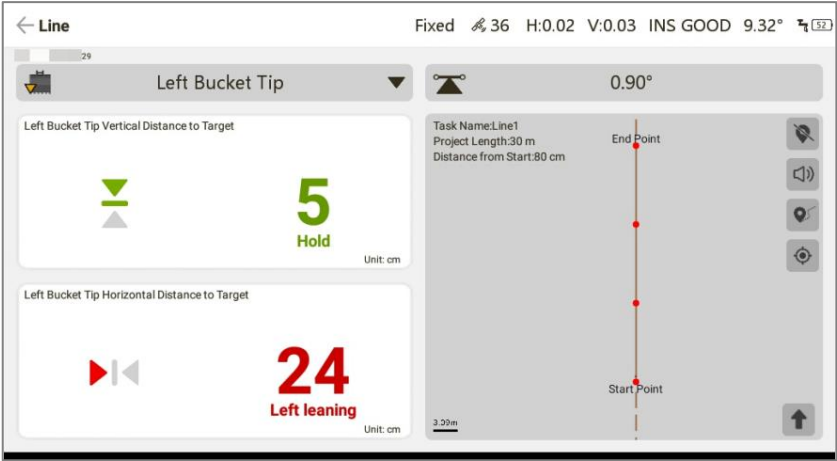


Figure 4-62

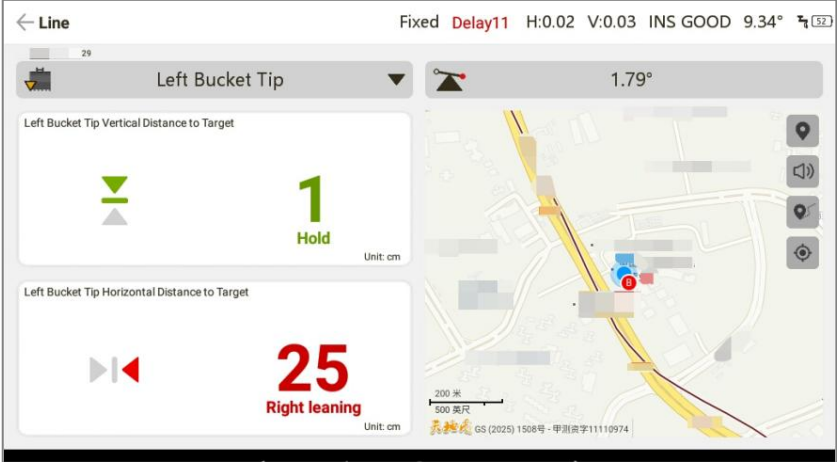


Figure 4-63

4.9 User Management

Tap 'Settings' → 'User Management' to enter the user management interface, as shown in Figure 4-64. For first-time registration, tap 'Create Account' at the bottom. Users in Mainland China can create an account using a phone number or an email address, while users outside Mainland China can only use an email address. When registering with a phone number, the verification code will be sent via SMS to the phone. When registering with an email address, the verification code will be sent via email to the provided email address. After filling in your name and password, tap 'New' at the bottom.

Once the account is created, you can log in by entering your account and password. After successful login, the interface will redirect to the user management screen, as shown in Figure 4-65, displaying basic account information. You can then modify your name, linked phone number, and password. In the Device Management section, you can also view the current device information and log out of your account. The sharing function is only available after logging in to your account.

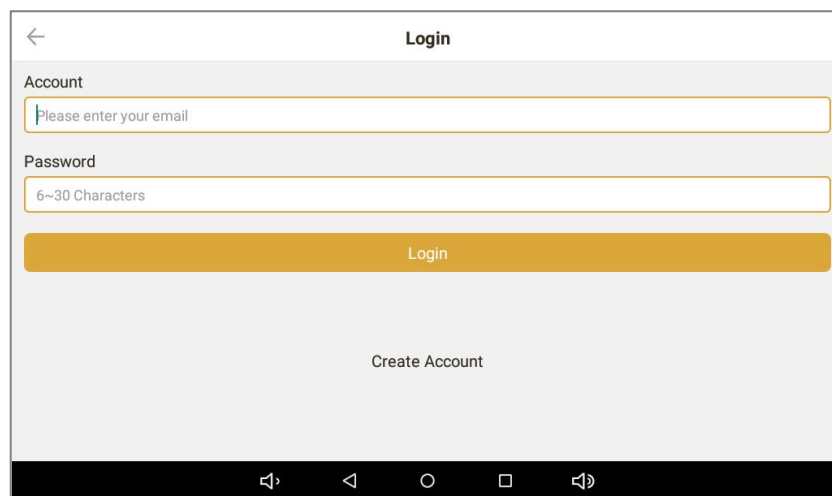
The screenshot shows a mobile application interface for logging in. At the top, there is a back arrow and the title 'Login'. Below the title, there are two input fields: 'Account' with a placeholder 'Please enter your email' and 'Password' with a placeholder '6~30 Characters'. Below these fields is a large orange button labeled 'Login'. At the bottom of the screen, there is a light gray button labeled 'Create Account'. The bottom of the screen shows a standard Android navigation bar with icons for back, home, and recent apps.

Figure 4-64

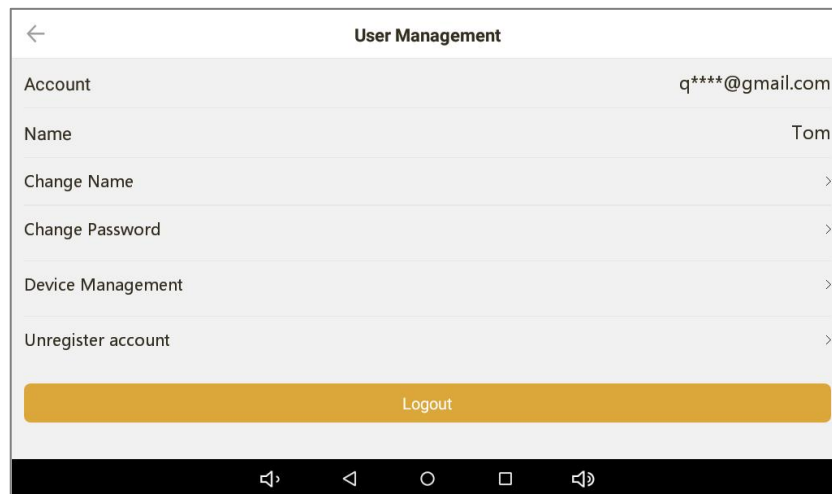


Figure 4-65

4.10 Leveling Instrument Information

Tap 'Settings' → 'Leveling Device Info' to enter the leveling instrument information screen, as shown in Figure 4-66. On this screen, you can view the 'Machine number', 'PN Version', 'Firmware Version', 'Registration Validity', and 'Host Registration' information. It also provides 'Restart GNSS' and 'Reset GNSS' buttons. You can copy the Machine number, power off the host remotely, and use 'Log Upload' to help technical staff troubleshoot issues.

Note: 'Registration Validity' refers to the expiration date of the leveling instrument registration and is independent of the 'CORS' account validity period.



Figure 4-66

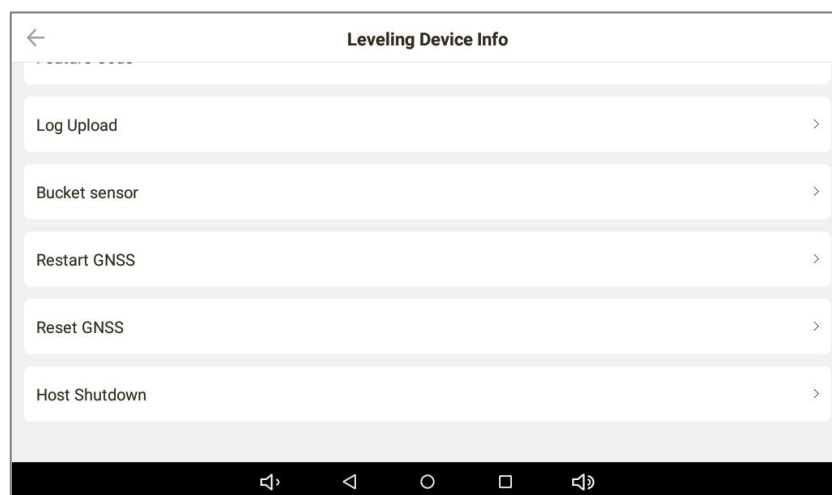


Figure 4-67

4.11 Host Registration

When the software prompts that the registration validity period has expired, go to 'Settings' → 'Leveling Device Info' → 'Host Registration', as shown in Figure 4-68 below. Send the instrument's machine number to the technical support team to obtain a registration code. After receiving the registration code, tap 'Host Registration' and enter the code by scanning the QR code or manually typing it in to complete the registration.

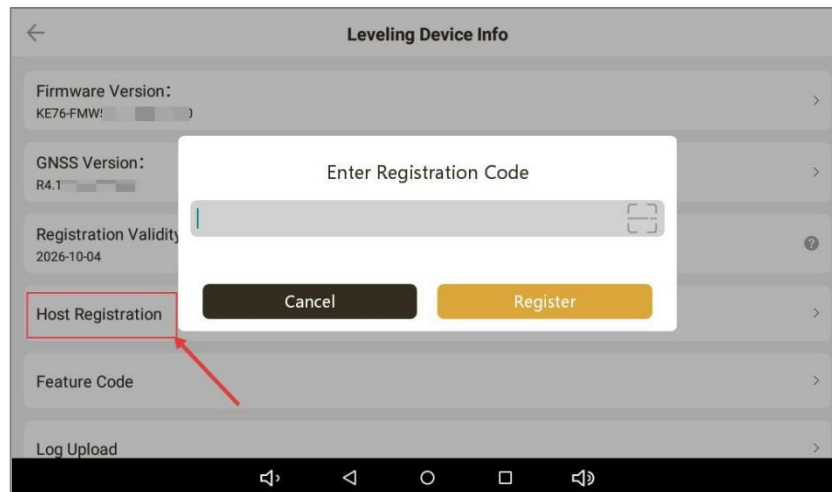


Figure 4-68

4.12 Firmware Update

Go to 'Settings' → 'Leveling Device Info' → 'Firmware Version' to manually check for firmware updates. If the device is already up to date, a prompt will appear as shown in Figure 4-69. If a new version is available, you can choose whether to perform an online firmware update.

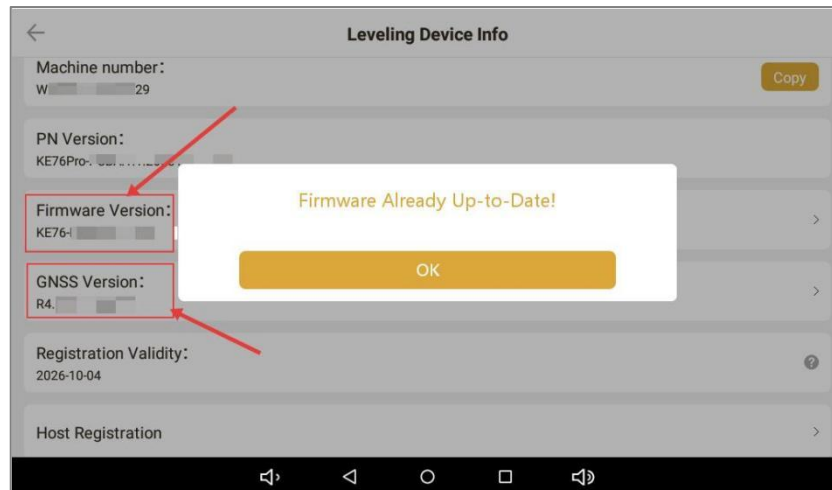


Figure 4-69

4.13 Log Upload

Go to 'Settings' → 'Leveling Device Info', and tap 'Log Upload' below the leveling instrument information bar, as shown in Figure 4-70. If crashes or functional anomalies occur during use and require technical staff to troubleshoot, you can upload the device logs.

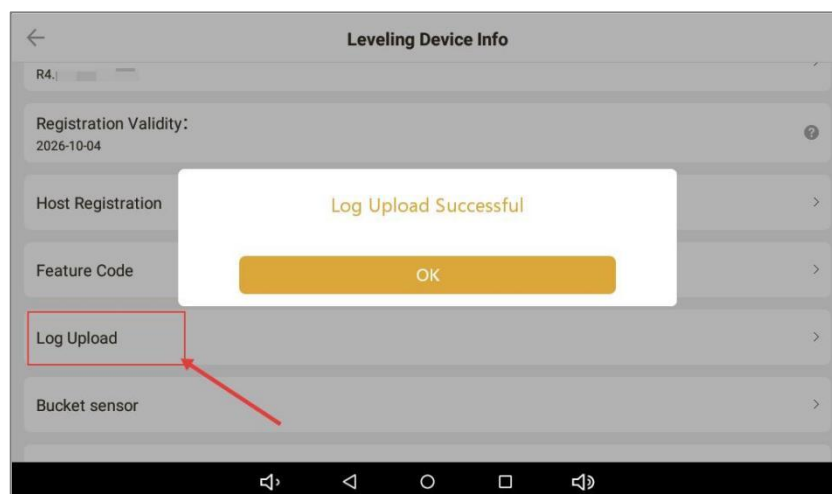


Figure 4-70

4.14 Software Configuration

Go to 'Settings' → 'Software Configuration', as shown in Figure 4-71. Here you can configure the 'Diff Source', 'Language', 'Bucket Best State Interval', and 'HRMS/VRMS' (horizontal and vertical root mean square error) limits.

(1) Language, as shown in Figure 4-72. Language options include 'Auto', 'Chinese (Simplified)', 'English', 'Korean', and several other languages. The 'Auto' setting follows the device language; any unsupported languages will default to English.

(2) Bucket Best State Interval. When set to 0.03, it means that any value within ± 3 cm is considered to meet the accuracy requirement and will be displayed in green during operation.

(3) HRMS/VRMS Limits. The smaller the HRMS value, the more stable the horizontal positioning; the smaller the VRMS value, the higher the elevation accuracy. These can be manually adjusted according to actual requirements.

(4) When 'Distance from Project Starting' is enabled, the job interface will display in real time the distance in meters from the start point.

(5) Reset button, as shown in Figure 4-73. Resets all parameters in the software configuration interface to their default values.

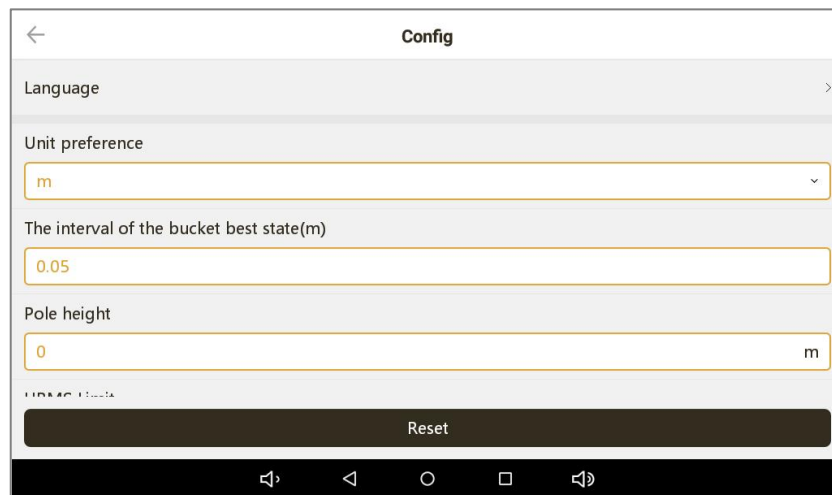


Figure 4-71

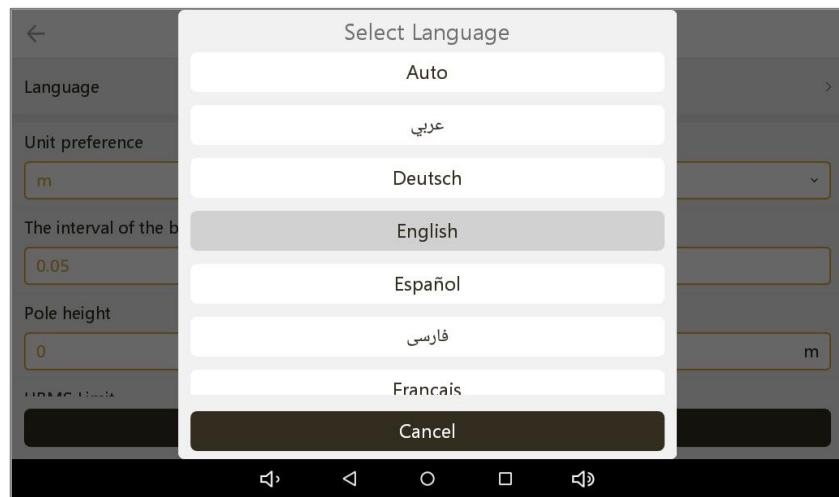


Figure 4-72

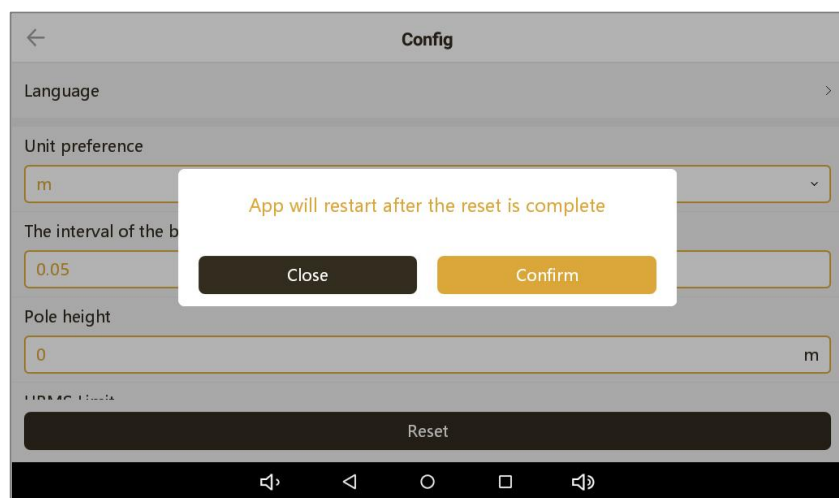


Figure 4-73

4.15 About the app

Go to 'Settings' → 'About the app' to manually check for software updates. If the device is already running the latest version, a prompt will appear as shown in Figure 4-74. If a new version is available, you can choose whether to perform an online software update.

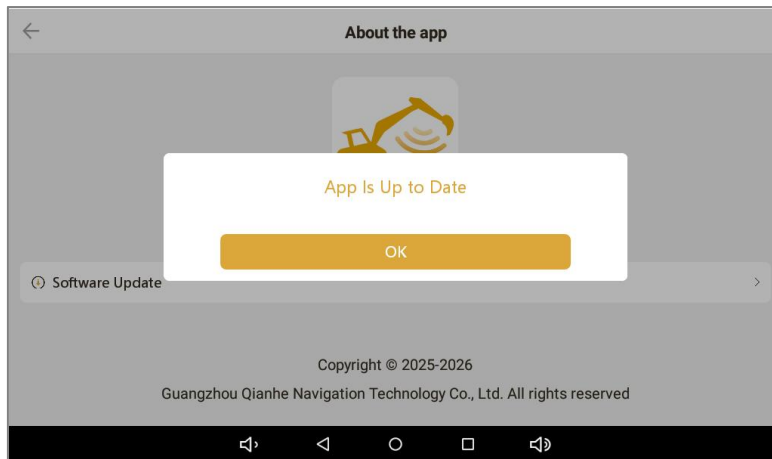


Figure 4-74

For COMMUNICATION TERMINAL:

Federal Communications Commission (FCC) Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by

may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF exposure statement:

The transmitter must not be colocated or operated in conjunction with any other antenna or transmitter. This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a Minimum distance of 20cm between the radiator and any part of your body.