MiniFinder® Xero

User guide
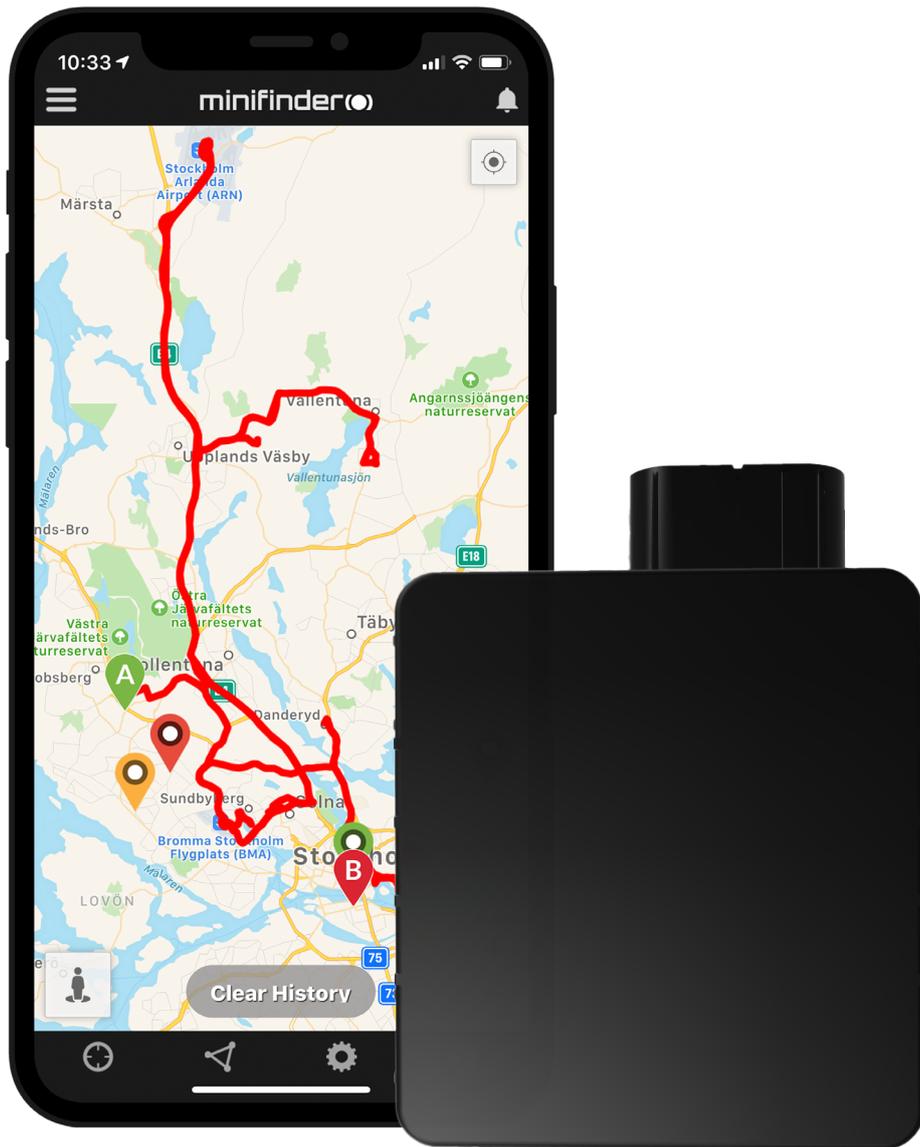
Thank you!

Thank you for purchasing a MiniFinder® product. We believe you made the right choice. MiniFinder® Xero is full of smart features that help you monitor, protect and locate your loved ones remotely.

Before you start using your Xero, **please read this manual in its entirety.**

Package contents

1   MiniFinder Xero
2   Xero power adapter
3   Temperature sensors **(accessory)**
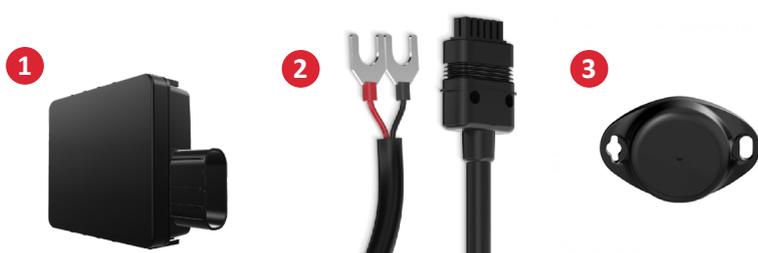
Installation

The following illustration describes how to install a MiniFinder® Xero, which is easily connected to the vehicle's power supply using U-type cables. Please note that the MiniFinder® Xero comes with a pre-installed SIM card that includes a data plan according to your order.
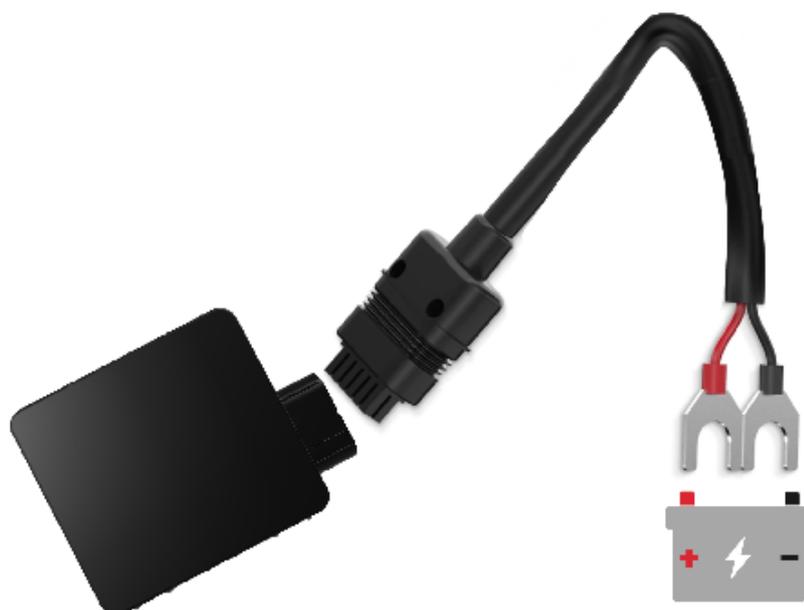
Product management

A   Connect Xero directly to the vehicle's battery or alternative power source.

B   Xero **STARTS** as soon as it connects to the vehicle.

C   Xero activated POWER SAVING MOD when the vehicle is still.

Explanation of LED light

GREEN LED:

—— 1 sec ——   Flashes every second = *Normal state*

—— 2 sec ——   Flashes every two seconds = *Standby mode*

Fast flashing = *Modem activity*

No light = *Off*
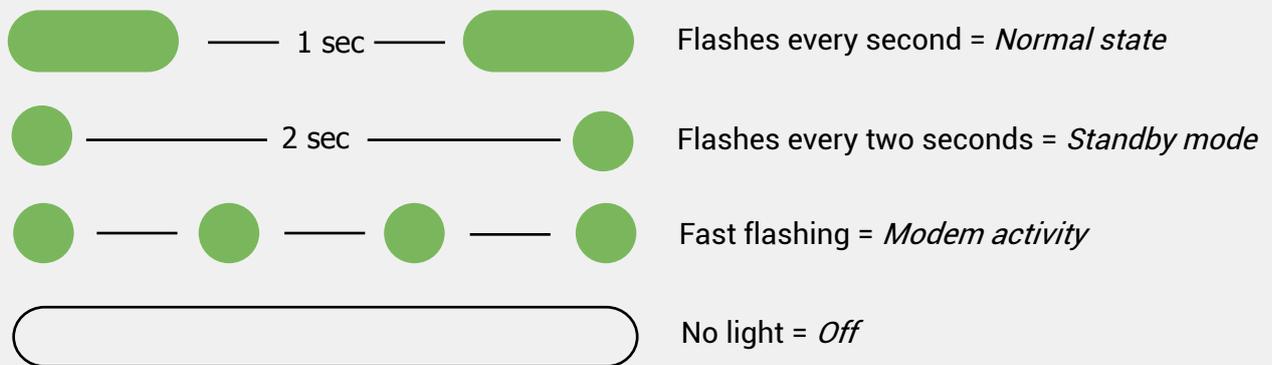
Download MiniFinder GO app

To set up and track MiniFinder Xero, you need to download MiniFinder GO GPS Tracking System APP.

💡 If you read the documentation on your mobile phone, please click on the link below to download the APP.

Apple iPhone: https://apple.co/2P3oYxN   Android: http://bit.ly/2IengsS

Download on the **App Store**   GET IT ON **Google Play**

Download the app by searching the "MiniFinder GO GPS Tracking" in Apple App Store or Google Play store. Install the app to log in with your created or assigned login details.

App overview

After logging in the MiniFinder GO APP, you can see this view.
This consists of 9 different parts:

1. Menu (Device list)

2. Alarm notification

3. Create/edit geofence

4. Applications settings

5. Application info & help

6. View the position of my mobile phone

7. Zoom in/out

8. View street information of a selected GPS device

9. GPS device location indication on the map
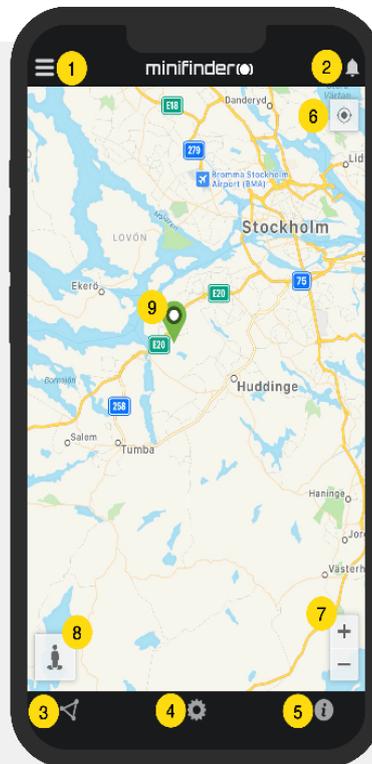
Menu

Click the menu icon to open the menu. The menu consists of one or more devices (GPSs) depending on how many licenses you have in the system.

1. Unit name

2. Time for last position

3. Status icon: Vehicle battery voltage, GPS signal, GSM signal and motion

4. Åtgärdsmeny (historik,inställningar...)

Device status

A GPS unit can have four different colors indicating status:

A. Green (Online)

The unit is online and currently sending its position.

B. Orange (Passiv)

The unit is passive and last sent its position more than 10 minutes ago.

C. Red (Passiv)

The unit is passive and last sent its position over 1 hour ago.

D. White (Offline)

The unit is offline.
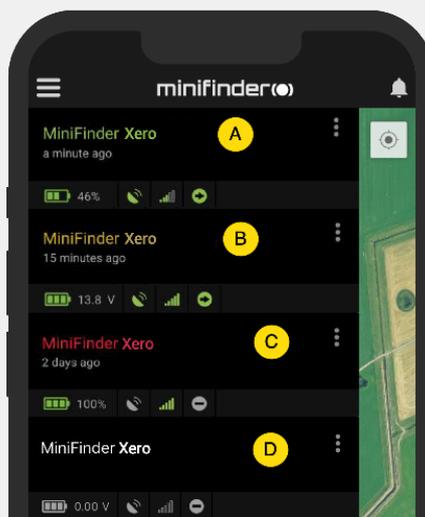
💡 Regardless of the device's status, you can always press the device row to display the latest position on the map.

Action menu

At the far right of the row of units is an Action Menu (three vertical points).

In the Action Menu you can see history (History) and settings (Setup).
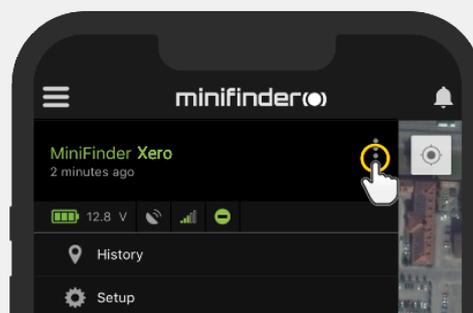
Alarm notification

The MiniFinder GO app supports various types of alarms: Geofence alarm, speeding alarm, etc. All alarms send an alarm notification to the phone's or tablet's screen. Audio alert, vibration and flashing alarm can be activated when opening the APP. Images below show examples of alarm notifications:

- An example of notifications on the phone screen.
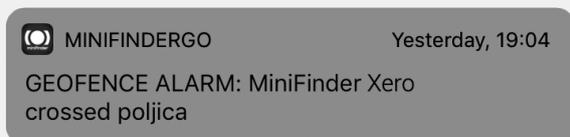
- A flashing bell at the top right corner of the app.

- Click on the flashing alarm bell to see active alarms. Click on active alarms to confirm and move them to the alarm history.

History

See positioning history on the map based on date and time.

- Start by clicking the Action Menu (1), then click "History" (2).

- Select a time period and then click "View History" to display the device's positioning history.
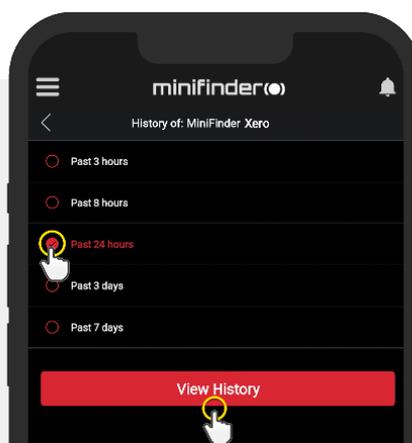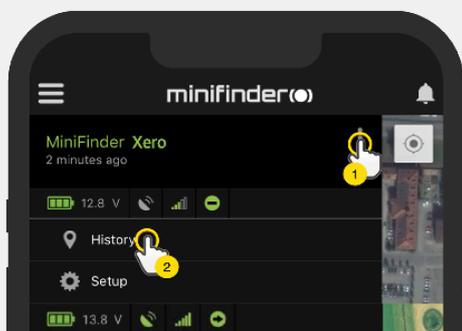
● The following information is displayed for positioning history:

1. A is the start position

2. B is the end position

3. Indicates a particulary selected position

4. The start date and time

5. The end date and time

6. Drag the blue dot to see a

particular position (3) on the map.
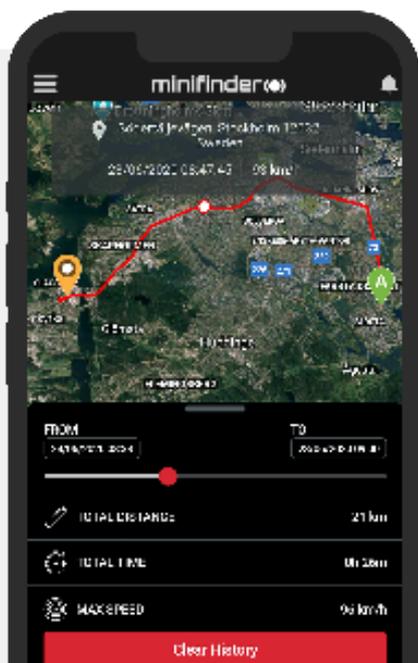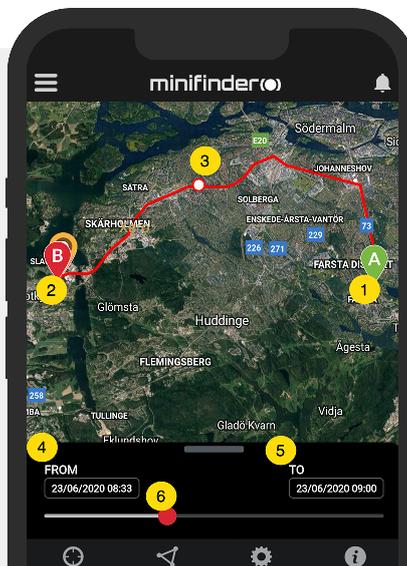
● When bringing up the sub screen, the detailed statistics are shown, including total distance total time and max speed.

● To clear the selected history, simply click "Clear History".

Rename device

Edit device name through Device Setting.

Click the Action Menu (1) and then click on the "Setup" (2). Edit device name (3) with your preference. Then click "Apply" (4) to save the changes.
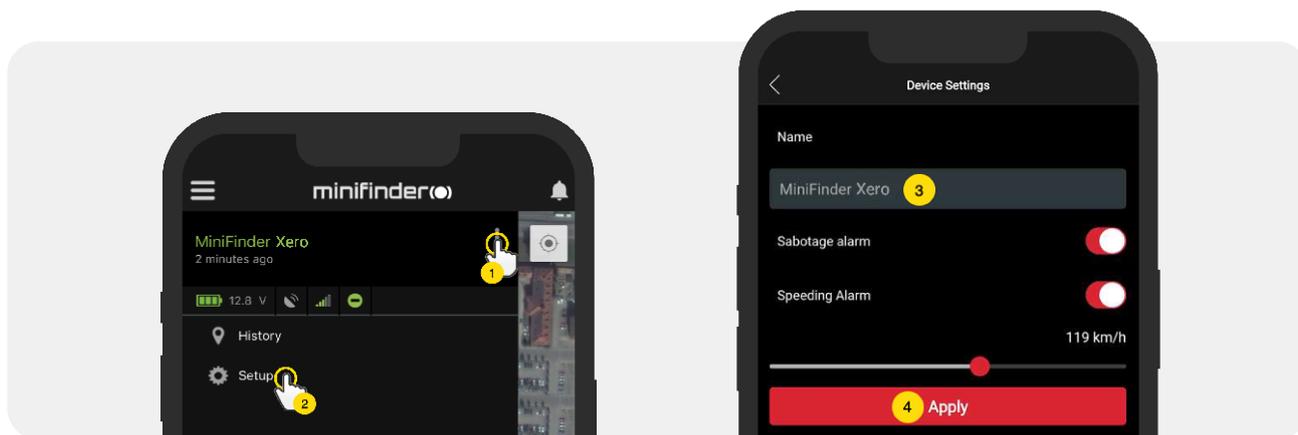
Sabotage alarm

Click Action Menu of the device that you want to set Sabotage Alarm to, and then click "Setup".

Activate "Sabotage Alarm" (1). Finally, click "Apply" (2) to set the alarm for sabotage.

Speed alarm

Click on the action menu in the device list for the unit you want to set up a speed alarm for, and then click "Setup".

Now, activate "Speeding Alarm" (1) and drag the circle on the speed line (2) to your desired speed limit. Click "Apply" (3) to enable an alarm if the selected speed is exceeded.
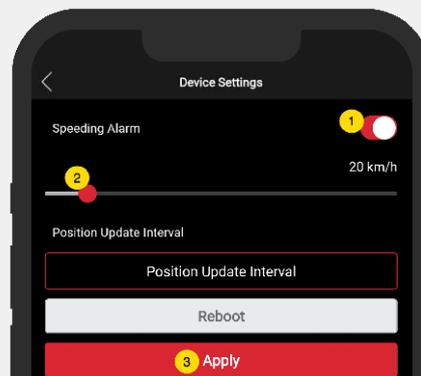
Comments

In the comment section, you can add additional information about your MiniFinder.
To create a comment:

● Click on the action menu and then click on "Comment".
● Enter your comment in "Write comment" and then click "Save".
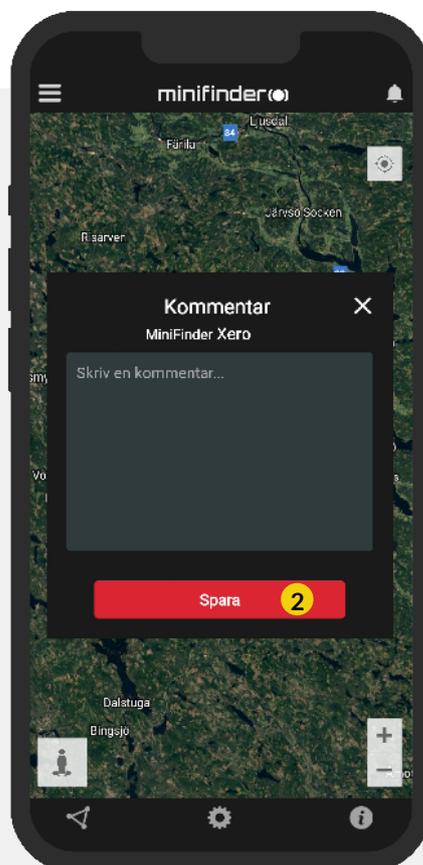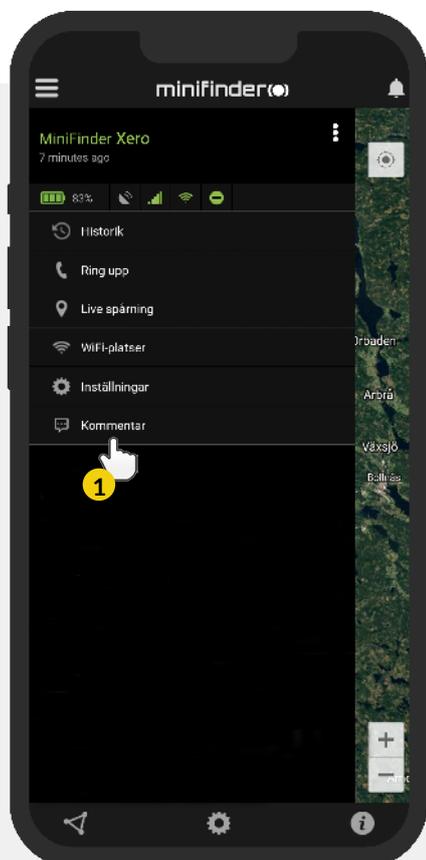
Geofence alarm

Geofence is a virtual limited area on the map. When a GPS device leaves a defined area, an alarm notification, a ringing and an e-mail are sent according to the preferences in the setting.

1) Create a geofence

- Start by clicking on the GeoFence tab (1) and click "Create" (2) as shown below.

- Then draw an area as a GeoFence on the map.

A) Press once on the map as starting point of the area.

B) Press again to place the second point of the area.

C) Press again to place the third point of the area.

D) Press again to place the forth point of the area.

E) Complete the area by pressing the starting point (point A).

F) Name the area and select which units to connect, select "Enter" or "Leave" or both to

create an alarm. Then click "Create" to finish the process.

💡 If you are not satisfied with the location of a point, click "Back" to delete or hold to delete all and start over.

2) Edit a geofence

• Start by clicking on the GeoFence tab (1) as shown below. Then click "Edit" (2).

• In the list, select a GeoFence that you want to edit (3).

• To delete a Geofence, click on the dustbin (4).

• Create/Change a Geofence area's name (5) in the text field.

• Click on "Edit area" (6) to edit the area's size or location.

• Select "Enter"(7) or "Leave"(8) or both to create an alarm

• Select (9) the units to be affected by the area

• Finish editing by clicking "Save".
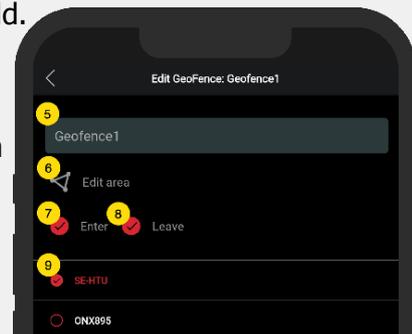
To disable a geofence without removing it, deselect all units when edit.

Tooltip

The tooltip contains information of the most recent position.

A) Click the pushpin (or the device in the menu) to bring up the properties box
B) Unit name
C) Location
D) Speed
E) Altitude
F) External voltage
G) Distance between you and the selected device

Tag function (Mark places)

On the map in the MiniFinder GO APP, you can mark places with particular information.

- Long press on the place where you want to mark on the map (1).
- You can give a name (2), a description (3), an icon (4) on the map and even attach an image (5).
- Press "Create" (6) to save.
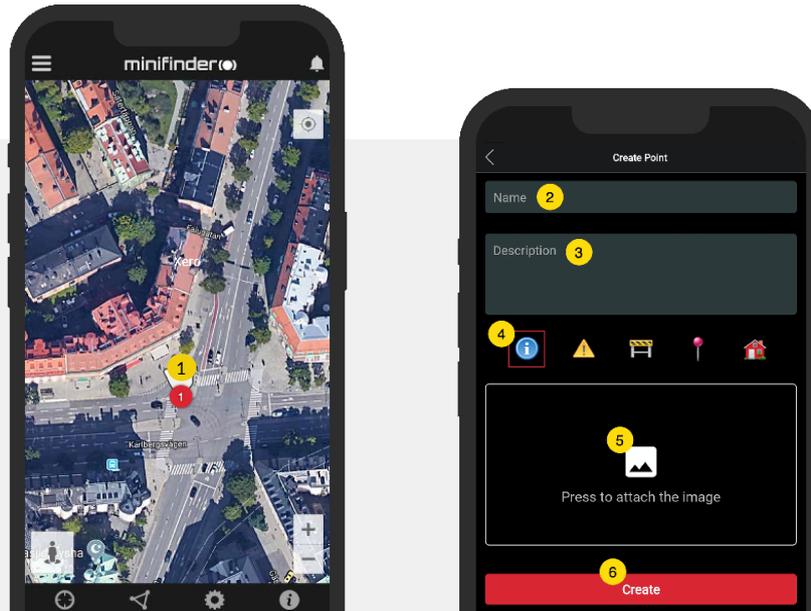
- Press the icon on the map (1) to edit the marked place and save the changes (2) or delete (3).
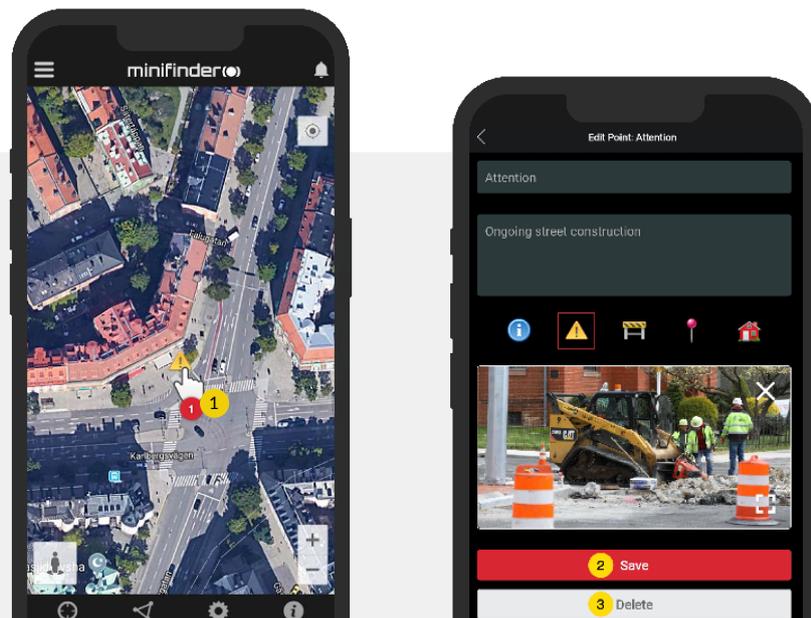
![minifinder logo]

App settings

Click on the gear symbol to make settings in the MiniFinder GO APP.

Settings menu
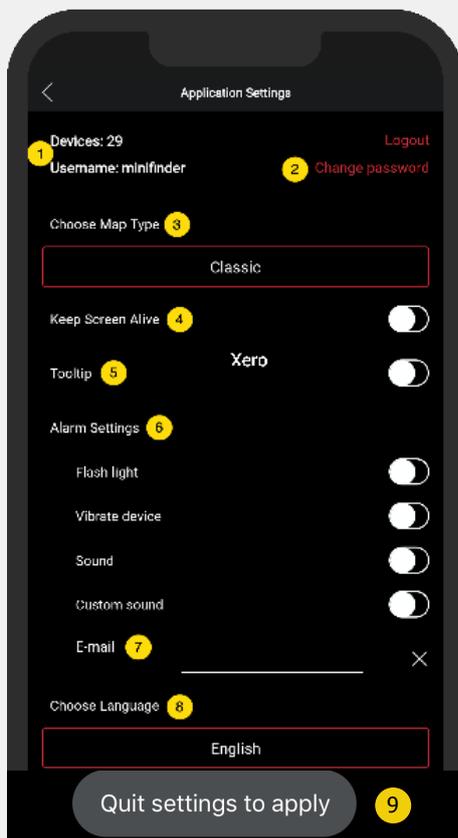
1. Number of licenses and your username.

2. Change your password.

3. Map selector (Classic, Hybrid, Terrain and Satellite)

4. "Keep Screen Alive" keeps your mobile device's screen on until it is turned off manually. The setting may involve increased battery usage for your mobile device depending on settings.

5. "Tooltip" shows information of your GPS above the map pin. Disable this if you do not wish to view the information.

6. Alarm settings defines what your mobile device would react when alarms are triggered.

7. Enter an email address to receive emails notification when alarm are triggered.

8. Change a language: English, Swedish, German, Finnish, French.

9. Simply quit the settings to apply changes.

User manual

- Click on the "i" symbol to read more information about MiniFinder GO and get access to the user manuals for all our products.
- Press on "MiniFinder GO Documentation" (1).
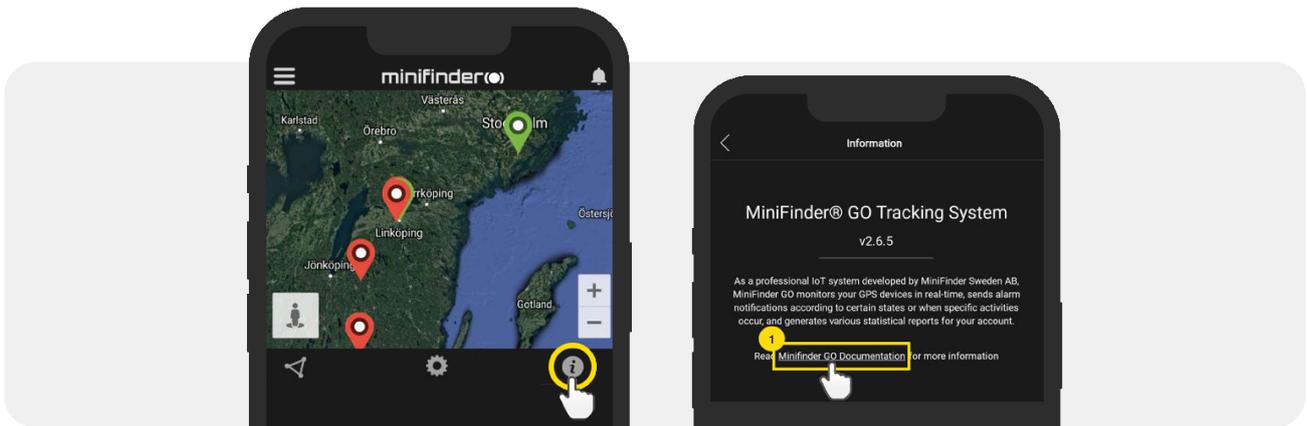
- Press on "Select Device" (2) and select which device's user manual (3) you would likt to read.
- Press on "Download" (4) to download the user guide for selected device.
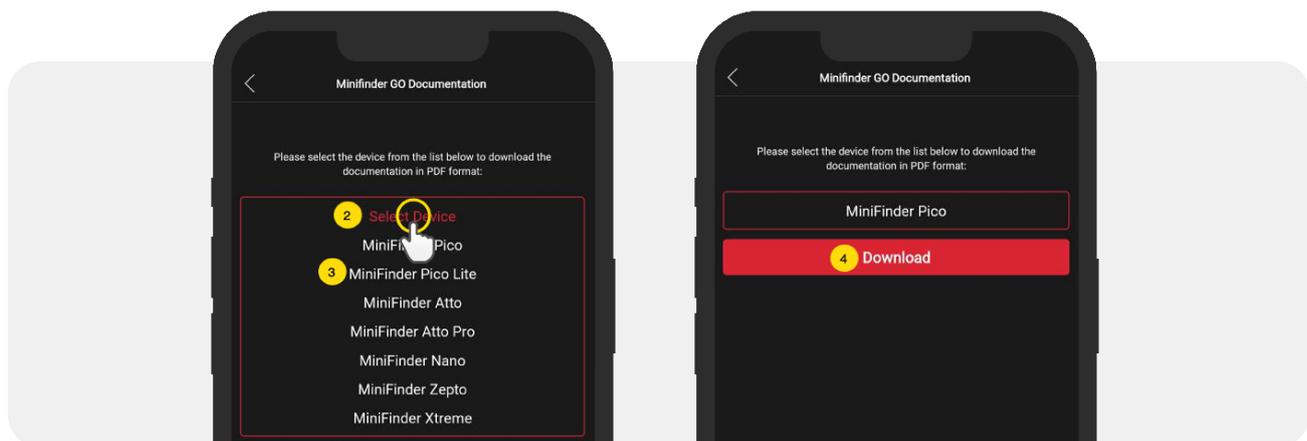
Memory function

The device has a built-in 4 MB flash memory. The memory stores GPS information when there is no GSM network coverage (e.g., in remote areas, indoors, underground locations, etc.). The stored positioning data is automatically transmitted as soon as GSM coverage becomes available again. This feature depends on the MiniFinder GO additional service. Please contact your retailer for more information.

Safety statement

This equipment has been tested to comply with safety certificate in accordance with the specifications of the standard: EN 60950-1: 2006 + A12: 2011.

Important safety instructions

- Please read these instructions.
- Please keep these instructions.
- Please follow all instructions.
- Please take heed of all warnings.
- Do not open the unit. Substances in this product and / or the battery can damage
the environment, and / or human health if handled improperly.
- Do not tamper with your MiniFinder®.
- Do not use abrasive cleaners to clean your MiniFinder®.
- Do not put your MiniFinder® in a dishwasher, washing machine or dryer.
- Do not expose your MiniFinder® to extremely high or low temperatures.
- Do not bring your MiniFinder® into a sauna or a steam bath.
- Do not leave your MiniFinder® in the direct sunlight for a long time.
- Do not place your MiniFinder® near an open flame.
- Do not attempt to disassemble a MiniFinder®, it contains non-replaceable components
- Never let children under 3 years of age play with MiniFinder®. Small components
can be a choking hazard for them.

Recycling information

The symbol on the product or its packaging means that this product must be disposed separately from ordinary household wastes at its end of life. Please be aware that this is your responsibility to dispose the electronic equipment at recycling centers to help conserve natural resources.

Technical specification

Size	70.5 mm x 67 mm x 25.6 mm
Weight	79 g
Battery	170 mAh batteri (3.7V)
GSM-band	Quad Band GSM 850/900/1800 / 1900MHz
Power source	DC 9-36V / 1.5mA
Operating temperature	-20°C till +85°C
GPS-sensitivity	-162 dB
Accuracy (position)	5 meter, 2D RMS
GPS-chip	UBLOX-G7020 (Swiss Made)
Humidity	15% till 85%
Memory	inbyggt 4Mb flash
LED	1st LED som visar GPS och GSM-status
GSM900:	Tx: 880MHz-915MHz, Rx: 880MHz-960MHz
GSM1800:	Tx: 1710MHz-1785MHz, Rx: 1710MHz-1880MHz
GPS L1:	Rx: 1559MHz-1610MHz
GLONASS G1:	Rx: 1559MHz-1619MHz
BDS:	Rx: 1559MHz-1619MHz
Galileo E1:	Rx: 1559MHz-1619MHz
Bluetooth:	Rx: 2402MHz-2480MHz
Bluetooth LE:	Rx: 2402MHz-2480MHz
GSM 900:	32,84 dBm (Conducted)
GSM1800:	29,75 dBm (Conducted)
Bluetooth:	5.22 dBm (EIRP)
Bluetooth LE:	-9.43 dBm (EIRP)
Waterproof:	IP67

Notes

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minifinder ⊙®

www.minifinder.com