



# Mimiq Track XL

MT - 0716 - XL

Datasheet v1.2

# Tracker Device Installation Guide

## Product Overview

Welcome to the installation guide for Mimiq Track XL. This guide will walk you through the installation process step by step to ensure a successful setup of the device.

## Before You Begin

Before installing the tracker device, please ensure you have the following:

- A wet wipe to clean the surface where the device will be installed.
- The primer which is provided with Mimiq Track XL that enhances sticking power.
- A mobile phone assists in matching the device ID with the container number or plate number on the dashboard or API. (No mobile application is required)

## Installation Steps

### Step 1: Pre-Installation Preparation

- Clean the area where the device will be adhered using a wet wipe to remove any dirt.
- After removing the cap of the primer, apply it to the surface to be adhered. Ensure that it spreads evenly.
- Peel off the protective cover of the double-sided tape on the back of the device.

### Step 2: Mounting the Tracker Device

- Press the device firmly towards the surface where the primer is applied in the direction where the arrows on the device are pointing to the sky. (container applications)

## Step 3: Provisioning

- Scan the QR code on the device with your phone's camera and log in to the Mimiq Dashboard page.
- The information of the device scanned via QR code will automatically appear on the screen. On this page, enter the license plate number or container number to pair it with the device.
- You are all set!

# Specifications

## Featured Highlights

LoRa Chipset : Semtech LR1110

Core : ARM 32-bit MCU

Flash memory / RAM size (bytes) : 1 M / 256 K

LoRa® Frequency band support\* : US915, AU915, EU868

Network Connectivity : LoRaWAN® Network Server Providers

Device Connectivity : Bluetooth 5.2

# Hardware and Mechanical Design

The outer dimensions of Mimiq Track XL are: 4.2 x 2.55 x 1.6 in (115mm x 65mm x 40 mm)

Property	Specification
Material	ABS
Sticker and Film	High temp resistant PP
Color	Matte Grey
Operating Temperature	-20 C - 60 C

# Electronic Design

Property	Specification
Embedded Sensors	3-axis accelerometer
Battery Type	Li-SOCl2
Operating Voltage	1.8V to 3V

## FCC Compliance 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.

CAUTION: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

**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.

This equipment complies with the FCC 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 all persons. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



## Contact

<https://mimiq.io/contact-us/>

555 Bryant St, #819 Palo Alto, CA 94301 USA