

# BOX ID AssetTracker Barra Edge

## Purpose of the Device

The Barra Edge is a battery-powered asset tracker designed for tracking mobile assets, containers, tools, transport equipment, and other valuable assets. The device determines its location using GNSS, Wi-Fi access point scanning, and cellular network positioning, and automatically transmits location data to the BOX ID Cloud.



## General information

|                               |                                                                                                                          |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Positioning Technology</b> | GNSS (GPS, BeiDou), Wi-Fi Access Point Scanning, Cellular Tower Location                                                 |
| <b>Network Technology</b>     | LTE-M (Cat-M1), NB-IoT                                                                                                   |
| <b>Coverage Area</b>          | Indoor and outdoor tracking in supported LTE-M / NB-IoT regions                                                          |
| <b>Battery Life</b>           | Once Daily location updates – 10 years<br>Movement-Based location updates – 5 years<br>Hourly location updates – 3 years |
| <b>Remote Configuration</b>   | Yes                                                                                                                      |
| <b>Size/Weight</b>            | 149 × 51 × 21 mm, 104 g                                                                                                  |
| <b>Tamper Detection / IP</b>  | Magnetic tamper detection / IP68 & IK07                                                                                  |
| <b>Battery Exchange/Type</b>  | 2 × AA Lithium batteries (user replaceable)                                                                              |
| <b>Optional accessories</b>   | Mountingplate                                                                                                            |

## Installation

You can find an installation guide at the following link <https://help.box-id.com/en/>

- Select a suitable mounting location on the asset
- Secure the device using screws, rivets, cable ties, or other appropriate mounting methods
- The tracker automatically connects to the cellular network and begins reporting to the BOX ID platform

## Operation & Maintenance

- No regular user maintenance required
- Battery status can be monitored remotely through the BOX ID platform
- Firmware updates and configuration changes can be deployed remotely
- Replace batteries when low-battery notifications are received