

BOX ID AssetTracker Barra Fusion

Purpose of the Device

The Barra Fusion is a battery-powered indoor and outdoor asset tracker designed for large-scale visibility of containers, pallets, tools, equipment, and returnable transport assets. The device combines high-accuracy GNSS positioning, Wi-Fi location scanning, and cellular network positioning to provide reliable location information, which is automatically transmitted to the BOX ID Cloud.



General information

Positioning Technology	GNSS (GPS, GLONASS, Galileo, BeiDou, QZSS), Wi-Fi Access Point Scanning, Cellular Tower Location
Network Technology	LTE Cat 1bis (4G)
Coverage Area	Europe, Middle East, Africa, Asia-Pacific and other Cat 1bis supported regions
Battery Life	Once Daily location updates – 10 years Movement-Based location updates – 2 years Hourly location updates – 9 month
Remote Configuration	Yes
Size/Weight	149 × 51 × 21 mm, 104 g
Tamper Detection / IP	Magnetic tamper detection / IP68 & IK07
Battery Exchange/Type	2 × AA Lithium batteries (replaceable)
Optional accessories	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