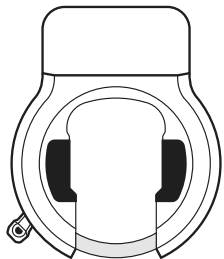


BICEEK

Lockhoo 100 User Manual



Welcome to Biceek

The Lockhoo 100 is a smart GPS bike lock that combines keyless convenience with Bluetooth connection. Control and monitor your bike remotely via the Biceek App, ensuring real-time protection against theft with GPS tracking and motion alerts.



What's in the Box

- Lockhoo-100 Smart Lock
- Magnetic Charging Cable × 1
- M5 Nuts × 2
- M5 Installation Screws × 2
- M5 Washers × 2
- Mounting Base × 2
- Nylon Screws × 4
- User Manual

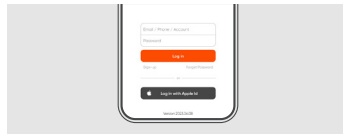
1

Getting Started with the Biceek App

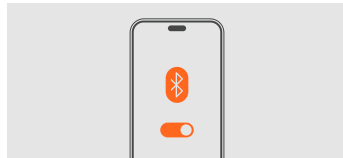
- 1 Download the Biceek App from the App Store or Google Play.



- 2 Create an account or log in using your email or Apple ID.

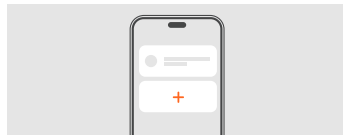


- 3 Create an account or log in using your email or Apple ID.



2

- 4 Tap "+" in the app.



- 5 Scan the QR code on your Lockhoo or enter the DevEUI code manually.

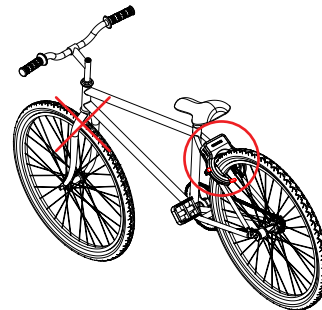


- 6 Follow the instructions to pair your device and name it.



3

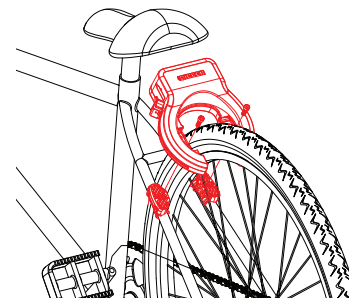
Rear Fork Only



Lockhoo 100 must be installed on the rear fork to function properly.

4

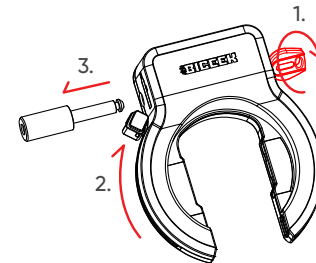
Mounting the Lock



Use the included screws and base to install the lock on your bike.

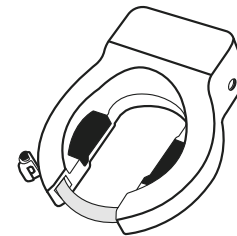
5

Unlocking the Lock



Use the Biceek app or physical key to unlock Lockhoo 100.

6



BICEEK

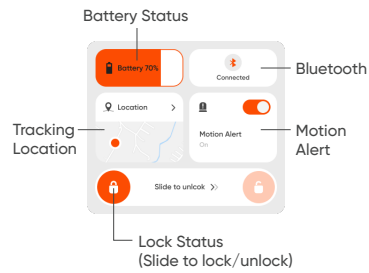
Compliance marks:
FCC ID:2BTLG-LOCKHOO100



Scan to Get the App



Discover App Functions



For more information or to download the full user manual, please visit <https://biceek.com/pages/manuals> or contact customer support.



Specifications

- Dimensions: 173.9 × 149.4 × 52.3 mm
- Weight: 1200g
- Ingress Protection: IP67
- Communication Protocol: Bluetooth 5.1
- Charging Port: Magnetic Charging Port
- Battery Capacity: 3200mAh EV level Battery
- Charging Input: DC 5V, 1.5A
- Charging Method: Magnetic charging via pogo-pin connector

Legal & Compliance

- CE Certification: Conforms to EU Radio Equipment Directive & RoHS.
- Data Encryption: All location data is encrypted end-to-end, safeguarding your privacy.

LoRa Wireless Technology Description

This product incorporates LoRa wireless functionality for low-power, long-range data transmission. LoRa uses Chirp Spread Spectrum (CSS) modulation to improve sensitivity and interference resilience, suitable for low data rate long-distance communications.

The device operates in the 902–928 MHz ISM band for transmitting device status, sensor data, and/or control commands.

The maximum LoRa transmit power is 22 dBm. RF parameters including transmit power, operating channels, and modulation settings are controlled by factory firmware and are not accessible for user modification.

The device shall be operated only under the conditions permitted by local regulatory requirements.

LoRa Wireless Specifications

- Wireless Technology: LoRa
- Operating Frequency Band: 902–928 MHz
- Modulation: Chirp Spread Spectrum (CSS)
- Max Transmit Power: 22 dBm
- Antenna Type: Dedicated antenna (separate from BLE)
- User Configuration: RF parameters are not user-configurable

GPS Statement

This product supports GNSS (GPS) positioning. The GNSS/GPS function is receive-only and does not transmit any RF signals.

Bluetooth® Low Energy (BLE) Wireless Technology Description

This product incorporates Bluetooth® Low Energy (BLE) functionality and complies with Bluetooth Core Specification v5.1, enabling short-range, low-power wireless communication for pairing, control and data exchange.

The device operates in the 2.4 GHz ISM band (2402–2480 MHz) and uses GFSK modulation for BLE advertising and connection-based transmission.

The maximum BLE transmit power is 10 dBm. The device uses an FPC antenna with a maximum antenna gain of 2.31 dBi.

RF parameters including transmit power, operating channels and modulation settings are controlled by factory firmware and are not accessible for user modification.

The device shall be operated only under the conditions permitted by local regulatory requirements.

BLE Wireless Specifications

- Wireless Technology: Bluetooth® Low Energy (BLE)
- Bluetooth Version: BLE 5.1

- Operating Frequency Band: 2402–2480 MHz
- Channelization: 40 channels (3 Advertising + 37 Data)
- Modulation: GFSK
- Channel Spacing: 2 MHz
- Data Rate: 1 Mbps (LE 1M) (Add LE 2M / LE Coded only if supported)
- Battery Capacity: 3200mAh EV level Battery
- Max Transmit Power: 10 dBm
- Antenna Type: FPC antenna
- Antenna Gain: Max 2.31 dBi
- User Configuration: RF parameters are not user-configurable

Multiple Transmitters / Co-location Statement

This device contains BLE and LoRa transmitters with separate antennas. Under certain operating conditions, the BLE and LoRa radios may transmit simultaneously. The simultaneous transmission behavior is controlled by the device firmware and has been evaluated to meet applicable FCC requirements for RF exposure and co-location.

FCC Statement

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. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment should be installed and operated with a minimum distance 20cm between the device and your body. 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.