



# Bicycle Interface Module User Manual

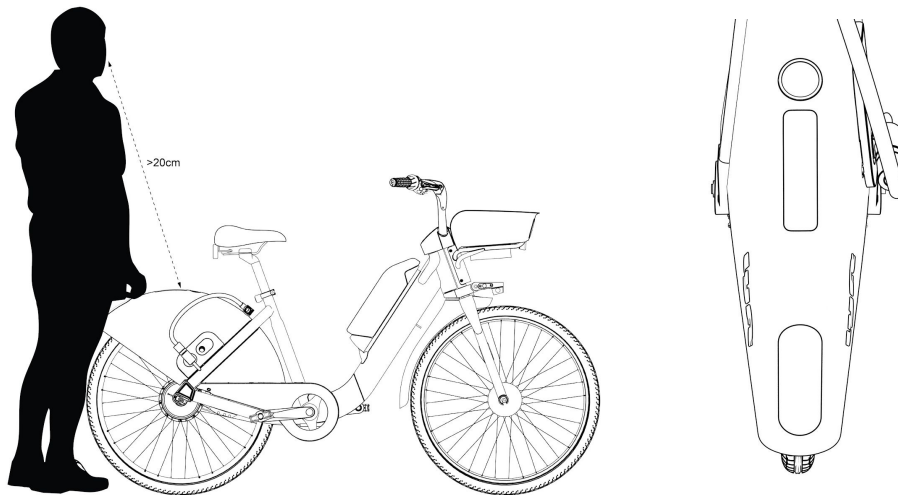
Revision 1.5, May 9 2019

## Introduction

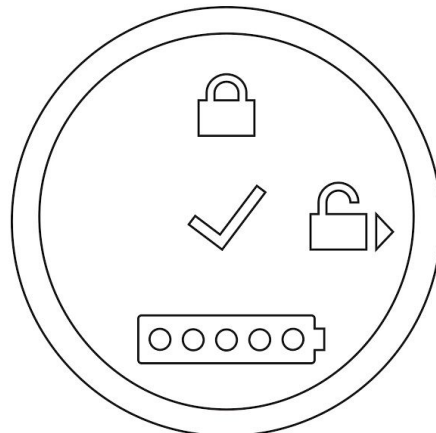
The bicycle interface module is responsible for user access to an eBike. Authentication, state and location is communicated to backend systems via a cellular connection. The unit also displays the status of the bicycle and it's available battery to the user.

## Operation

The bicycle interface module is located on the rear fender and looks like this to the user:



The bike interface module features a battery level indicator, icons indicating if the bike is locked or unlocked, and LED ring lights. A user is able to activate a bike by interacting with the interface module in two ways. Either directly via NFC transit card or by scanning the applicable QR code in the Lyft app.



## Accessory List

No accessories are to be used with this device.

## Safety Precautions

The module is not user serviceable. Do not open the bicycle interface module unless you are explicitly authorized to do so and trained on how to do so by Lyft personnel.

## Operating Conditions

The device is intended for use between -20° C (-4° F) and 50° C (122° F)

Electrical Supply:

Parameter	Typical
Input Voltage	36V
Operating Current	0.3A Max
Power Draw	10W Max

### **NOTICE:**

*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 made to this equipment not expressly approved by Lyft may void the FCC authorization to operate this equipment.*

### **Radiofrequency radiation exposure Information:**

*This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.*

*This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.*