Bikeshare Docking Station User Manual

Model: STN021N-C, STN021N-S

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FCC Notices

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.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.

ISED Canada Compliance Statement

English

This device complies with ISED Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Exposure to radio frequency energy. The radiated output power of this device meets the limits of FCC/ISED Canada radio frequency exposure limits. This device should be operated with a minimum separation distance of 20 cm (8 inches) between the equipment and a person's body.

Français

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

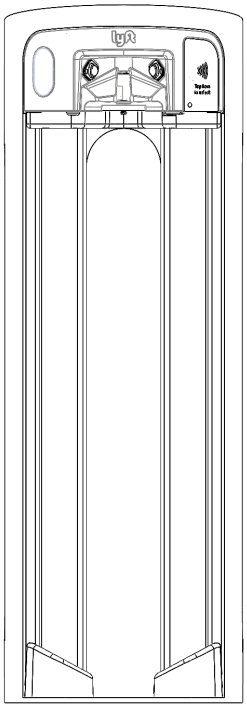
L'exposition à l'énergie radiofréquence. La puissance de sortie rayonnée de cet appareil est conforme aux limites de la FCC/ISDE Canada limites d'exposition aux fréquences radio. Cet appareil doit être utilisé avec une distance minimale de séparation de 20 cm entre l'appareil et le corps d'une personne.

Introduction

The Bikeshare Docking Station is responsible for storage and rental of a micromobility vehicle (e.g., e-bike, scooter). It is designed for installation in a fixed, outdoor location. Station status and unlocking requests are communicated to backend systems via a cellular connection. The unit also displays the status of the Station and the related Vehicle using the indicators on the front panel.

Operation

The Bikeshare Docking Station looks like this to the user:



A user is able to unlock a bike by interacting with the Station via an NFC card or smartphone, or via the Vehicle directly.

Accessory List

No accessories are to be used with this device.

Safety Precautions

The module is not user serviceable. Do not open the Bikeshare Docking Station unless you are explicitly authorized to do so and trained on how to do so by Lyft personnel. Changes or modifications not expressly approved by Lyft are not permitted.

Operating Conditions

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

Electrical Supply (STN021N-S):

Parameter	**Value**
Type	Internal Solar & Internal Battery

Electrical Supply (STN021N-C):

Parameter	**Value**
Type	External DC
Input Voltage	65Vdc - 75Vdc
Operating Current	<100mA Typical <4A Max (when charging bicycle)
Power Consumption	<6W Typical <300W Max (when charging bicycle)

Electrical Supply (maintenance battery pack):

Parameter	**Value**
Type	External DC Battery Pack
Input Voltage	12V Nominal
Operating Current	1A Max
Power Consumption	12W Max