GATEWAY (T1)

User Manual

Contents

REVISION HISTORY

Version	Date	Description
0.1	2016/08/30	Initial draft
0.2	2016/09/19	Add the Installation section Add more FCC wording

1. Introduction

Gateway is a wireless device to connect compatible locks to Internet, so a user can interact with the locks remotely.
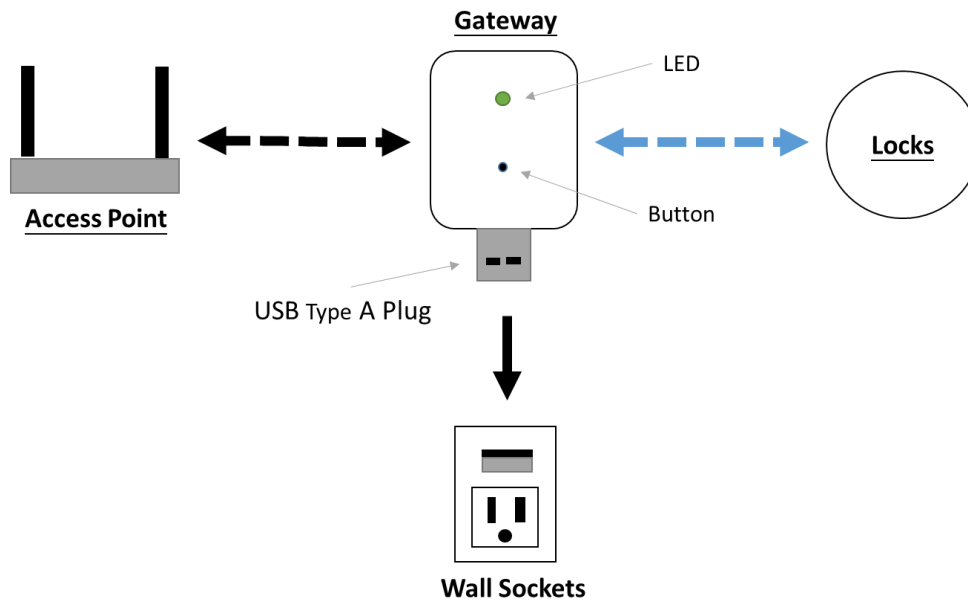
2. Power Source

Gateway is plugged into a wall socket through a USB Type A connector to obtain a steady 5V power.

3. Compatible Phones

- iPhone 4S or above with iOS 8.0 or above
- Android 4.3 or above with Bluetooth Low Energy capability.

4. App

Download **K3 Connect** on App Store or Google Play on the compatible phone, and register an account. For Android users, use either **K3 Connect+** or **K3 Connect**. Always update the App to the latest version.

5. Compatible Locks

Gateway only works with compatible Bluetooth locks that are controlled by the K3 Connect App.

6. Compatible AP

Gateway will connect to AP (Access Point) to get Internet access. The AP must have known SSID (name of the AP) and password. Gateway is capable of determining what kind of security your network uses.

7. Features

With Gateway, you can interact with your Lock remotely through Internet:
● Locking/Unlocking remotely
● Set Lock parameters remotely
● Manage Clients (such as Phones, Cards, or Codes, depending on the Locks) remotely
● Get Logs remotely
● Get Notification if any events happened on the Lock
● Get Lock status remotely
● Lock can get Internet Time through Gateway

8. Installation

Gateway should be plugged into a steady power source (such as a wall socket). Because Gateway is communicating with AP and Locks wirelessly, please note:

1. Do not enclose Gateway by any metal box/cabinet/wall because any metal material will block the wireless signals
2. Do not put Gateway within 1 meter of the AP because they might interference with each other
3. Suggest to put Gateway within 10-meter range of the Locks or even closer; the closer the distance, the better the performance
4. Suggest to put Gateway and the Locks in the same open space because any wall/obstacle will attenuate the signal

9. Setup

1. To use Gateway, you need to be the Admin of at least one compatible Locks. See the User Manual of the compatible Locks to learn how to become the Admin.
2. In the K3 Connect App, go to Locks -> Select the Lock -> Info -> Gateway Management, and following the App UI instruction

10. Return to Factory Default

1. Keep the button pressed for more 5 seconds until the LED turned off
2. Release the button.

11. Event with LED Light

Event	LED	Note
Power-on	Blink Yellow	Wait until the LED status change
Firmware Update	Switching between Red and Green	Wait until the LED status change
Factory Default Status	Off	
Button Pressed	Yellow	If keep the button pressed more than 5s, Gateway will return to factory default
Setup Mode	Blink Green	By pressing Button and release immediately, Gateway will enter Setup Mode and stays for 30s
Normal Operation	Green	Gateway is paired to at least one lock and working normally
Internet Connection Error	Red	Please check your AP and make sure it's connected to the Internet
AP Signal Error	Blink Red	Please check your AP is nearby and working correctly, and the SSID/Password is set correctly
Lock Signal Error	Switching between Off, Red, and Green	Check locks

12. Technical Specifications

- One Gateway can support maximum 8 locks simultaneously

- Operation Temperature : -20°C to 70°C (exclusive plastic)

- Storage Temperature : -30°C to +80°C (exclusive plastic)

- Radio Frequency: 2.4 GHz
- Power Source: USB Type A connector

REGULATORY COMPLIANCE

The 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.

FCC WARNING STATEMENT

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

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. 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.

FCC RF Radiation Exposure Statement

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an

uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.