

## Quick Installation Guide

### Setup and Installation

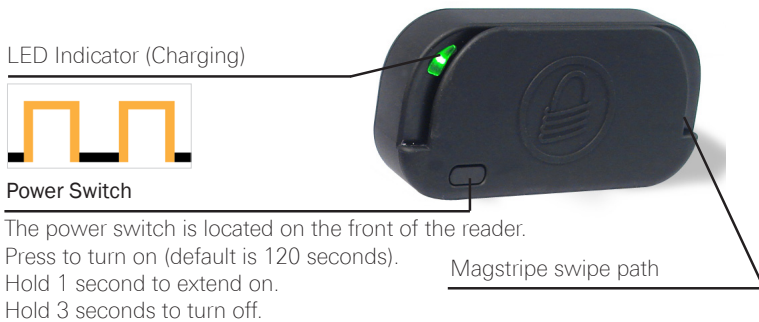
#### Overview

Security anywhere. With the BulleT Secure Card Reader Authenticator (SCRA), security comes with the flexibility and portability of a wireless connection. Small enough to fit into the palm of your hand, the BulleT enables secure wireless communications with a PC or mobile phone using a popular wireless interface. Not only does the BulleT encrypt card data from the moment the card is swiped, but it also enables card authentication to immediately detect counterfeit or altered cards.

\* BulleT SPP (serial port profile) is designed for Android and Windows OS where Serial Port Profile is supported.

\*\* BulleT KB (wireless keyboard) is designed for computing devices connected to wireless keyboard. (iOS, Android, Windows and Mac OS)

#### Major Components



<b>Connection:</b>	Wireless or USB
<b>Interface:</b>	Wireless (USB is used for charging the battery)
<b>Power:</b>	Battery powered; battery is charged from a 5V source, e.g., USB bus
<b>Card Speed:</b>	4 to 60 ips
<b>Electrical Current:</b>	100mA maximum during charge
<b>Operating Temp:</b>	32°F - 113°F ( 0 - 45°C)
<b>Operating Humidity:</b>	10% to 90% non-condensing
<b>Accessories:</b>	Optional stylus is available

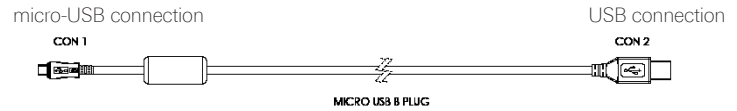
#### Power and Charging

**Charge:** Attach the USB cable. It takes approximately 2.5 hours to fully charge the battery and it will stay charged for approximately 100 card swipes. The LED will slowly blink amber while the battery is charging and then turn solid amber when the battery is fully charged (for best results, allow the battery to fully charge).

**Power USB HID connection:** Insert the Micro-B end of the cable into Micro-B port on the bottom of the reader and the Standard-A connector into a USB port on the PC/Mac. USB connection will automatically detect your device.

#### Connection

Insert the Micro-B end of the cable into Micro-B port on the bottom of the reader and the Standard-A connector into a USB port on the PC/Mac.



#### Compatibility and Operating System

##### Mobile: BulleT KB/SPP Connection

1. Pull up Applications or Menu and select Settings.
2. Select wireless and network.
3. Select wireless settings.
4. Turn on the BulleT reader, (green light will flash while connecting.)
5. Select Scan for devices.
6. Select the MAGTEK-xxxx device when it appears on the screen.
7. The screen will prompt you for a PIN (the default is 1234).
8. BulleT KB device is paired and ready to use.  
BulleT SPP device requires you to go to the application.  
Follow the application screen prompts to connect to wireless device.  
After it is connected, the device is ready to use.












##### Personal Computer (PC): BulleT KB/SPP Connection

1. If prompted for a passkey use 1234.
2. Attach a wireless adapter to the PC.
3. Select wireless icon in Control Panel.
4. Click Add.
5. Check My device is set up and ready to be found.
6. Then click Next.
7. Select the MAGTEK-xxxx device (number indicated on the reader).
8. Then click Next.
9. Select Let me choose my own passkey.
10. Then type "1234" in the associated box.
11. Click Next when ready. Wait for the device to be installed.
13. After the device is installed, note the Outgoing COM port (if using BulleT SPP): for communication purposes. If using BulleT KB, it will interact with the connected PC as a wireless Keyboard.
14. Click Finish. The BulleT reader is now ready to use.

**NOTE: Uninstall any existing WIRELESS software prior to beginning installation. DO NOT plug USB adapter in until instructed to do so.**

# Use and Compliance

## LED

LED Color	LED Condition	USB Connection	Meaning
Off		n/a	No power
Green	Steady On 	--	Ready to read a card—after power button pushed
Green	Rapid Flashing 	No	Searching for connection
Green	Slow Blinking 	--	Authentication has been established; ready to read a card
Green	On 2 seconds 	--	Good Read
Amber	Steady On 	Yes	Battery fully charged
Amber	Short Flash 	No	After power button is pushed
Amber	Slow Blinking 	Yes	Battery charging
Red	Steady On 	--	Authentication failed
Red	Rapid Flashing 	Yes	Battery voltage too low to operate normally
Red	On 2 seconds 	--	Bad card swipe

## Compliance

**FCC WARNING STATEMENT:** This equipment has been tested and was found to comply with the limits for a Class B digital device pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential 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 with radio communications. However, there is no guarantee that interference will not occur in a particular installation.

**FCC COMPLIANCE STATEMENT:** This device complies with Part 15 of the FCC Rules. Operation of this device 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.

**CANADIAN DOC STATEMENT:** This digital apparatus does not exceed the Class B limits for radio noise from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

**CE STANDARDS:** Testing for compliance with CE requirements was performed by an independent laboratory.

The unit under test was found compliant with standards established for Class B devices.

**UL/CSA:** This product is recognized per Underwriter Laboratories and Canadian Underwriter Laboratories 1950.

**RoHS STATEMENT:** When ordered as RoHS compliant, this product meets the Electrical and Electronic Equipment (EEE) Reduction of Hazardous Substances (RoHS) European Directive 2002/95/EC. The marking is clearly recognizable, either as written words like "Pb-free", "lead-free", or as another clear symbol (♻).