BLE Tag User Manual

The BLE Tag/BLE Reader System is used to track the flow of equipment, assets & goods.

The BLE Reader has three wireless network access ; 3G cellular data network (3G USB cellular adapter connection (3G Cellular USB Dongle)), Wi-Fi wireless network access point and a low-power Bluetooth personal area network (BLE) for communication .

The BLE Tag is equipped with low-power button batteries and loaded each with a unique ID information. The BLE Tag is used to label goods to provide unique ID through the BLE Reader . Within the operating range of the tag reader , unique ID of the BLE Tags are read , via the BLE Reader's 3G cellular access connect to a central monitoring station.

Once the label has been sent to BLE Reader , the BLE Reader can command active tags to turn off.

1. The BLE Tag is turned on by a switch in the center of the device. Please see Figure 1. below.

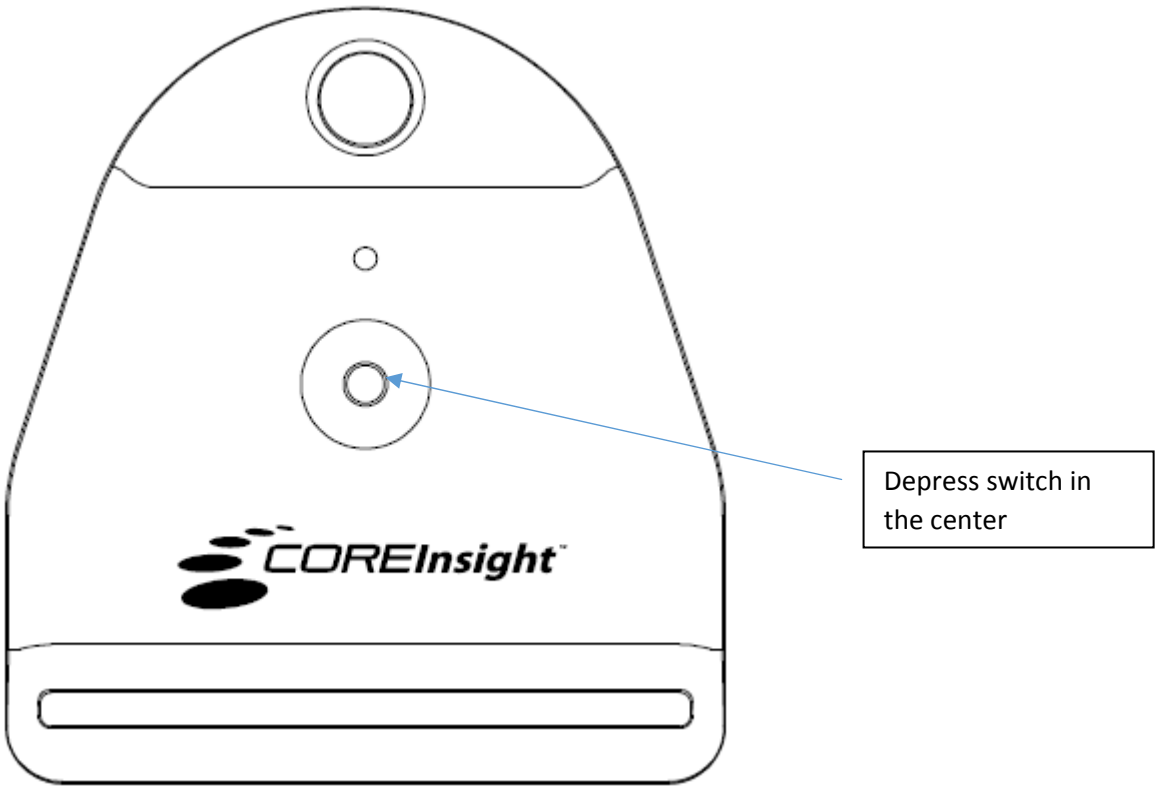

Figure 1. BLE Tag with switch in the center

2. The BLE Tag is turned off by the BLE Reader via a BLE command within its coverage range.
   Please see Figure 2. below.

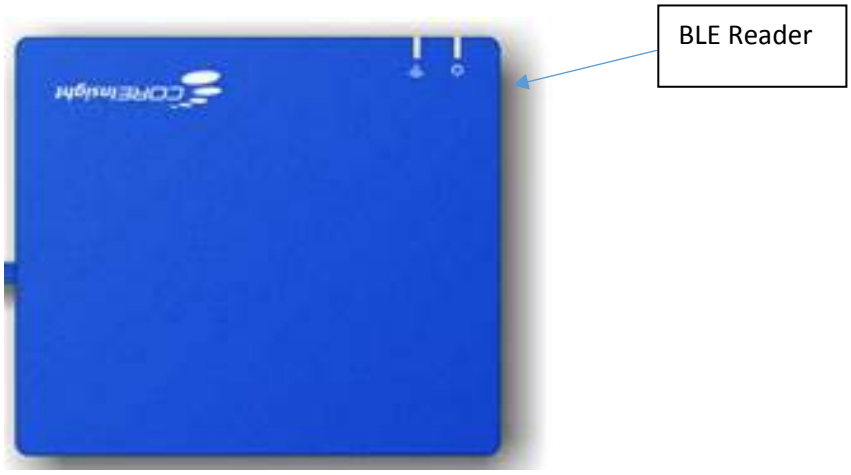

Figure 2. BLE Reader commanding BLE Tag to sleep

FCC Statement:
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.

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.

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