

BGU User Guide – Document Version 0.0

Introduction

Use Cases

- Bluetooth® Low Energy (BLE) Beacon
- BLE Gateway over Ethernet/WIFI networks

Physical Description

- Dimensions: 86 x 150 x 40 mm
- Operating Temperature: 0 to 50 °C
- Color: White
- User I/O:

- RJ45 Port (POE)
- USB Type-A
- 4 Status LEDs

Power

- Power-over-Ethernet (PoE)
 - IEEE802.3af compatible
- USB Type-A
 - Alternatively, this device can be powered from a USB Type-A connection
 - The power supply should be rated for 5VDC/1A

It is not recommended to supply the device power over POE and USB simultaneously



Local Area Network (LAN) Configuration

Software Installation

- The devices LAN configuration can be set using the Lantronix DeviceInstaller application. [Download here.](#)

Hardware Setup

- Create a local network using a PC and a PoE (IEEE802.3af) network switch
- Connect the device to be configured to the switch with an ethernet cable
- Run the DeviceInstaller software from the PC to find the device and configure it



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.

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

NOTE: 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.

Important Note:

Radiation Exposure Statement

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

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

Country Code selection feature to be disabled for products marketed to the US/Canada.