



Configuring a
Cassia E1000
-BLE Gateway

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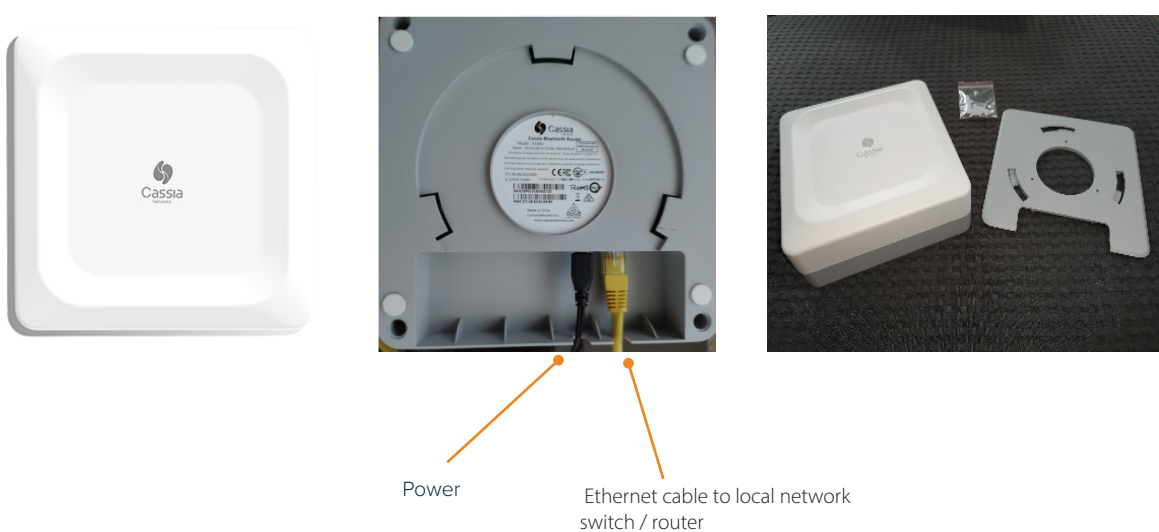
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1. Introduction

The Cassia E1000-BLE Gateway supplied with the demo kit is pre-configured to work with Omnisphere. Please Review Cassia E1000-BLE Gateway user guides for further information on setup and configuration if required.

The gateway is supplied in the demo kit configured in DHCP Client mode and needs to be connected to Network work switch via an Ethernet patch cable to provide access to the internet.

Demo Kit includes Cassia E1000 (BLE Gateway) as shown below



2. To Connect To The Gateway

For firmware 1.2 or above, a Cassia Bluetooth router comes with a WiFi hotspot function. The SSID is cassia-xxxxxx (the “x’s” corresponds to the last 6 digits of the router’s MAC address). The default password of the WiFi hotspot is the same as the SSID. For example, if the Cassia Bluetooth router MAC address is “CC:1B:E0:E0:96:DC”, the SSID and its default password will be “cassia-E096DC”.

To connect to gateway 1st time, look for Cassia XXXX in Wireless network list, select SSID, Enter password and connect

Default IP address is 192.168.40.1

Default username: admin

Default Password: admin

Once connected then Gateway can be accessed by entering Default IP in Web URL.

Change network settings according to LAN and connect Cassia Gateway to Local router/gateway via ethernet under “Basics” Tab.

3. Basics

Router Mode
Standalone Router

Country/Region
United Kingdom

Tx Power
19

Remote Assistance
OFF

Connection Priority
Wired

Wired

IP Allocation
Static

IP
192.168.123.100

Netmask
255.255.255.0

Gateway
192.168.123.2

DNS1
192.168.123.2

DNS2
8.8.8.8

IP settings according to Local Area Network

Wireless

Operating Mode
Hotspot(Setup Only)

SSID
cassia-E109B4

Password
.....

IP
192.168.123.100

Netmask
255.255.255.0

Cellular Modem

USB Modem Type
None

Apply

4. Service



Service Access

Scan mode

Name Filter

MAC Filter

UUID Filter

RSSI Filter

To push data from only Omni-ID BLE Devices, use 1st six Characters(MASK) of MAC address with * as MAC Filter

MQTT

Host

Port

Connection Type

User Name

Password

Topic of Scan

QoS of Scan

Host: omnisphere.tracktio.com
Port: 1883
Connection Type: Long
Topic of scan: /tracktio/dataentry/cassiaE1000/Gateway's MAC Address(without semi colons)
MQTT Encryption: None



Omni-ID is the leading supplier of passive, low-profile UHF RFID solutions. Through our patented technology, Omni-ID “cracked the code” to overcome the problems traditionally associated with RFID, enabling a broad range of new applications that improve accuracy and efficiency in asset tracking, supply chain management and work-in-process.

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