

# i100 | RUCKUS i100 IoT Module



The i100 IoT module provides IoT functionality to RUCKUS AP

- Integrates with existing RUCKUS APs
- Supports Zigbee and Bluetooth® Low Energy
- Eliminates the need for redundant overlay IoT Networks

RUCKUS pre-WiFi 6 Access Points that have a USB Port can use the i100 module to add IoT functionality to the existing Wi-fi network.

The i100 provides Bluetooth and Zigbee radio capabilities, integrates with the existing RUCKUS AP via a USB connections. IoT traffic is directed to the IoT Controller which provides visibility, management, and configuration capabilities as well as north bound APIs to cloud based, device specific tools and services.

Through the i100 module, we are able to enforce network security and policy for attaching IoT devices as well as securing IoT traffic over the network and to the cloud.

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Product Type</b>	IoT module
<b>Product Brand</b>	RUCKUS®

## General Specifications

<b>Interfaces</b>	12 (Bluetooth® Low Energy)   25 (Zigbee)   USB 2.0
<b>IoT Protocol</b>	Bluetooth® Low Energy   Eddystone (software configurable)   Zigbee 3.0   iBeacon
<b>Memory</b>	1 MB (Flash)   256 KB (RAM)

## Dimensions

<b>Height</b>	8.25 mm   0.325 in
<b>Width</b>	47.83 mm   1.883 in
<b>Depth</b>	18 mm   0.709 in

## Electrical Specifications

<b>Output Power, maximum</b>	16.5 W dBm
<b>Operating Current at Voltage, maximum</b>	-100 mA @ 5 Vdc
<b>Power Consumption, maximum</b>	500 mW

# i100 | RUCKUS i100 IoT Module

---

## Environmental Specifications

**Operating Temperature** -40 °C to +70 °C (-40 °F to +158 °F)

**Standards Compliance** ETSI | FCC

## Packaging and Weights

**Weight, net** 85 g | 0.187 lb