

## Techolabz BLE Beacon



### Features

- Eddystone Protocol and iBeacon protocol supported
- Configurable URL, UUID or iBeacon using proprietary Configuration APP
- Coin Cell Battery / AA batteries
- White Labelled for large orders
- Firmware can be modified to suit requirement for large orders
- Shape and size can be modified for large orders
- ABS housing but can be modified as per requirement
- [“Techolabz Beacons”](#) Android Mobile APP for Beacon Configuration

### Battery Life v/s Advertising Interval:

	<b>200ms</b>	<b>400ms</b>	<b>600ms</b>	<b>800ms</b>	<b>1 sec</b>
<b>AA (2)</b>	10 months	1.6 years	2.4 years	3.2 years	4 years
<b>CR2477</b>	4.5 months	9 months	1.25 years	1.6 years	2 years
<b>CR2032</b>	1 month	2 month	3 month	4 months	5 months

Broadcasting Mode , At 0dBm

Estimated Values

15 % self-discharge considered

\*Subsystem Bluetooth Sig Qualified designed has been used

## BLE Products

---

### Development Kits:

Includes three live demos, SDK and an Android Project to start the development



#### **DEV-KIT-PRO: (4 Beacons)**

Development kit for **professional!!**

**Protocol:**

Configurable (Eddystone or iBeacon)

**Battery:**

CR2477 (replaceable)

**Advertising Interval:**

Configurable (100ms to 10 seconds)

**Transmit Power:** (Range: 6 meters to 30 meters)

Configurable from -18dBm to +3dBm

**Housing:**

ABS

**Dimension:**

Circular, 18mm (R), 18mm (H)



#### **DEV-KIT-STARTER: (4 Beacons)**

Development kit for **beginners!!**

**Protocol:**

Configurable (Eddystone or iBeacon)

**Battery:**

CR2032 (replaceable)

**Advertising Interval:**

Configurable (100ms to 10 seconds)

**Transmit Power:** (Range: 6 meters to 30 meters)

Configurable from -18dBm to +3dBm

**Housing:**

ABS

**Dimension:**

Circular, 18mm (R), 18mm (H)

## CB010 (CR2032):



**Protocol:**

Configurable (Eddystone or iBeacon)

**Battery:**

CR2032 (replaceable)

**Advertising Interval:**

Configurable (100ms to 10 seconds)

**Transmit Power:** (Range: 6 meters to 30 meters)

Configurable from -18dBm to +3dBm

**Housing:**

ABS

**Dimension:**

Circular, 18mm (R), 12mm (H)

**Receiving Sensitivity:**

-89dBm

**Certifications:**

FCC ID: WAP2001, IC ID: 7922A-2001 ,

MIC ID: 005-101007, KC ID: MSIP-CRM-Cyp-2001

## CB010 (CR2477):



**Protocol:**

Configurable (Eddystone or iBeacon)

**Battery:**

CR2477 (replaceable)

**Advertising Interval:**

Configurable (100ms to 10 seconds)

**Transmit Power:** (Range: 6 meters to 30 meters)

Configurable from -18dBm to +3dBm

**Housing:**

ABS

**Dimension:**

Circular, 18mm (R), 18mm (H)

**Receiving Sensitivity:**

-89dBm

**Certifications:**

FCC ID: WAP2001, IC ID: 7922A-2001 ,

MIC ID: 005-101007, KC ID: MSIP-CRM-Cyp-2001

## AA011 (IP65 casing):

**Protocol:**

Configurable (Eddystone or iBeacon)

**Battery:**

AA batteries (2 nos)

**Advertising Interval:**

Configurable (100ms to 10 seconds)

**Transmit Power:** (Range: 6 meters to 30 meters)

Configurable from -18dBm to +3dBm

**Housing:**

ABS IP65

**Dimension:**

50x65x35 mm

**Receiving Sensitivity:**

-89dBm

**Certifications:**

FCC ID: WAP2001, IC ID: 7922A-2001 ,

MIC ID: 005-101007, KC ID: MSIP-CRM-Cyp-2001

## Indoor-Light Beacons:

**Protocol:**

Configurable (Eddystone or iBeacon)

**Battery:**

Battery Less

**Advertising Interval:**

Auto-Adjusting (700ms and above)

**Transmit Power:** (Range: 6 meters to 30 meters)

Configurable from -18dBm to +3dBm

**Housing:**

Acrylic

**Dimension:**

72x39x17 mm

**Receiving Sensitivity:**

-89dBm

**Certifications:**

FCC ID: WAP2001, IC ID: 7922A-2001 ,

MIC ID: 005-101007, KC ID: MSIP-CRM-Cyp-2001