

Techolabz BLE Beacon



Features

- Eddystone Protocol and iBeacon protocol supported
- Configurable URL, UUID or iBeacon using proprietary Configuration APP
- Coin Cell Battery / Li-Po Rechargeable Battery
- 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:

	200ms	400ms	600ms	800ms	1 sec
CR2477	4.5 months	9 months	1.25 years	1.6 years	2 years
Lipo350	1.8 months	3.5 months	5.3 months	7 months	8.8 months
CR2032	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 Sensirivity:

-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 Sensirivity:

-89dBm

Certifications:

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

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

RB011 (Rechargeable Beacon IP65 casing):



Protocol:

Configurable (Eddystone or iBeacon)

Battery:

LiPo Battery 350 mAH (rechargeable)

Advertising Interval:

Configurable (100ms to 10 seconds)

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

Configurable from -18dBm to +3dBm

Housing:

ABS IP65

Dimension:

50x52x35 mm

Receiving Sensirivity:

-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 Sensirivity:

-89dBm

Certifications:

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

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