



BC313 Tag

With its rugged, IP-rated design and extensive battery life, the original Bluetooth tag is suitable for a wide range of applications.

Use the BC313 to track any object that you need to locate (indoor or outdoor), such as work carts, tools, material assets, or anything else where location is important.

Using two replaceable AA batteries, the BC313 delivers an impressive battery life of approximately five years. The BC313 Tag supports iBeacon and Eddystone.



Benefits



BATTERY LIFE

- Replaceable AA batteries
- Up to 5 years Tx 1 / sec



IN FIELD INFRASTRUCTURE

- Smartphones/tablets via BlueCats SDK
- ProxPoints



TOUGH

- Temp Range -18°C to +55°C
- Rugged IP67 Waterproof and Dustproof



DEVICE MANAGEMENT

- Over-the-air updates (firmware)
- Device diagnostics (performance, battery status)



DISCRETE DESIGN

- Iconic CatHead
- Plain or round



BROADCAST RANGE:

- Proximity detection, line of sight up to 400 meters
- Normal operation up to 100 meters

For What

- Entryways/points of interest
- Construction material
- Containers
- Tools
- Vehicles
- Heavy equipment

For Who

- Retail
- Manufacturing
- Hospitality
- Healthcare
- Supply chain logistics

Works Great With

- Hardware - BlueCats ProxPoint, Grid Tracking
- Software - BlueCats Loop Cloud, Loop Local
- Mobile - Bluetooth LE-enabled iOS and Android devices



Specifications

MECHANICAL

Dimensions	52 mm (H) x 27 mm (W) x 7 mm (D)
Weight	6 g (including batteries)
Mounting Types	Straps, Cable ties, Screws, Rivets, Double-sided Tape, Epoxy, Nails, Lanyard
Mounting Options	Mounting plate, Bracket
Enclosure Material	ABS plastic

POWER

Battery Size	Two AA batteries
Battery Capacity	2700 mAh
Battery life	5 years at 1 Tx per second

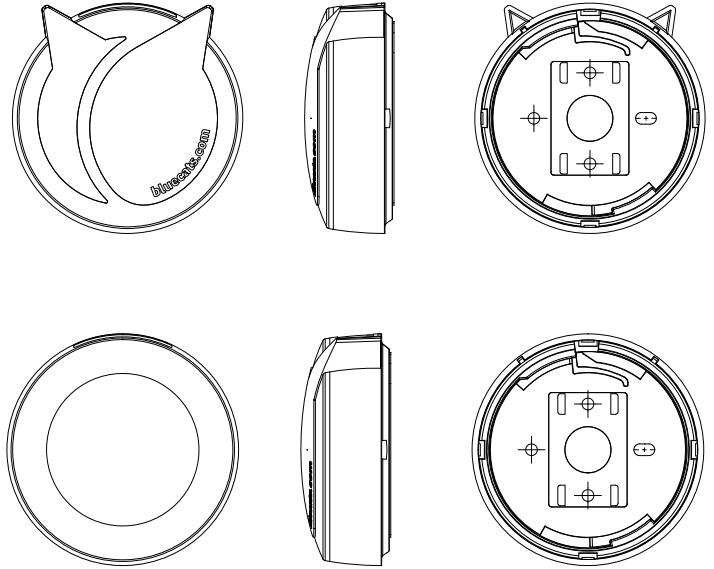
ENVIRONMENTAL

Operating Temperature	-18°C to +55°C
Ingress Protection	IP66

BLE

Version	4.0+
Frequency	2.402 GHz to 2.480 GHz
Module	Texas Instruments CC2640
Tx Interval	configurable, from 20 ms to 10 seconds
Tx Power	0 dBm to -23 dBm
Rx Sensitivity	-93 dBm
Range	Up to 400 m with BlueCats ProxPoint Normal Operation: 100 m
Antenna	PCB
Protocols	Eddystone, iBeacon
OTA Updates	Yes

Dimension Drawings



CERTIFICATIONS

FCC	Yes
IC	Yes
CE	Yes
RCM	Yes