The CoreBlu line is an advanced Bluetooth Low Energy 5.x beacon devices using multi standard beacon technology.

The CoreBlu-X2A+ is specially conceived for advanced business solutions such as attendance and asset tracking using location based and indoor navigation-based applications. It features an ultra-low power consumption, long battery life. The CoreBlu-X2A+ can be used with lanyards and card clips and can also be easily mounted on various surfaces.

The CoreBlu-X2A+ comes with a downloadable SDK with an extensive library for easy integration into a wide range of location based and indoor navigation based applications. It also includes a wide range tools facilitating optimal setup, installation and health-checks.

Bluetooth Radio

Type:
Bluetooth Low energy 5.0

Advertisement:
iBeacon, cBeacon, Eddystone

Advertisement Interval:
100ms to 10.2seconds

Frequency:
2.4GHz

Transmit Power:
+4dBm to -30 dBm

Antenna Type:
PCB antenna, Omni Directional

Sensors

Motion sensing
3 Axis Acceleromter with motion and orientation detection

Battery

Battery type:
Sealed Lithium Manganese Dioxide, 800mAh, Non-replaceable

Battery Life:

(Advertisement Rate)	(Battery Life[1])
High - 500 mSec	2 Years 3 Months
Medium - 1000 mSec	3 Years 8 Months
Low – 3000 mSec	6 Years 2 Months

Enclosure

Material:
ABS

Dimensions :
85 mm (L) x 55 mm(H) x 4 mm (T)

Weight:
50g

Color:
White

Accessories:
Lanyard & Card clip

Protection Class:
IP65

Operating Environment

Operating Temperature	0°C to 70°C
Operating Humidity	90%

Certifications

CE, FCC, RoHS

1. Battery Life is calculated at 25 degrees Centigrade. At higher temperatures it will be lower.

CoreBlu Configuration App

With the CoreBlu Beacon Manager App you can scan for nearby configurable CoreBlu beacons, display their battery status, view their settings and make modifications to those settings. Configuration of beacons can also be password protected with a four (4) digit PIN.

As an added safety feature, the beacons can only be configured with in a period of 15 minutes after deployment setup. However, this time duration can be increased through the settings to up to 3 days or forever.

Application Areas

- Indoor localization
- Track & find
- Virtual leash
- Asset & logistics tracking
- Luggage tracking

⚠ Caution

- *Dispose of used batteries according to the instructions*

Recycling

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment

Contact us

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