CoreBlu X1 Pro2
Device Specification

The **CoreBlu** line is an advanced Bluetooth Low Energy 4.x beacon devices using multi standard beacon technology.

The **CoreBlu-X1-Pro2** is specially conceived for advanced business solutions using location based and indoor navigation based applications. It features an ultra-low power consumption, long battery life. The **CoreBlu-X1-Pro2** can be easily mounted on various surfaces and uses commercially available replaceable large capacity battery.

The **CoreBlu-X1-Pro2** 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 4.0

Advertisement:
iBeacon

Advertisement Interval:
100ms to 10.2seconds

Frequency:
2.4GHz

Transmit Power:
+4dBm to -30 dBm

Antenna Type:
PCB antenna, Omni Directional

Enclosure

Material:
ABS

Dimensions:
72 mm (Dia) x 24 mm (H)

Weight:
65g

Color:
White

Accessories:
Double sided tape, mounting screws

Protection Class:
IP64

Battery

Battery type:
ER14505 x 2, 4800mAH, Replaceable

Battery Life:

Advertisement Rate	Battery Life
High - 100mSec	3 years
Medium - 200mSec	4 years
Low - 1000mSec	8 years

Operating Environment

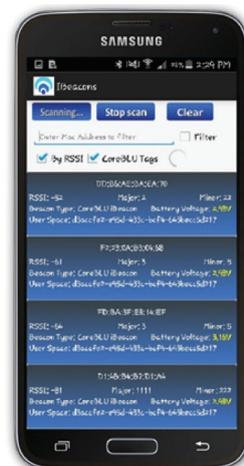|	
Operating Temperature	0°C to 60°C
Operating Humidity	90%

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CoreBlu Configuration App

With the **CoreBlu** Config-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 installing the batteries. However, this time duration can be increased through the settings to upto 3 days or forever

Application Area

Indoor localization	Track & find
Indoor navigation	Virtual leash
Location based services	Luggage tracking
Asset & logistics tracking	Data analytics

⚠ Caution

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
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.

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