



Powered by the world-leading Nordic nRF54L15 SoC

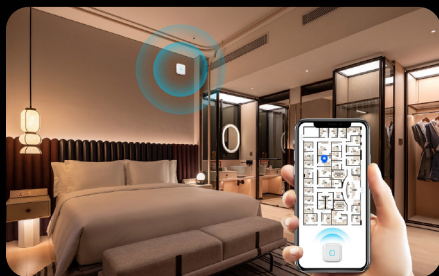
L03 Bluetooth 6.0 Beacon

Introducing the L03, a groundbreaking Bluetooth 6.0 Beacon leveraging the cutting-edge Nordic® Semiconductor nRF54L15 SoC solution, supports the latest Bluetooth 6.0 features including Bluetooth Channel Sounding (hardware compatible) to ensure precise and secure distance measurements.

The L03 features an ultra-low-power SoC and a robust 10400mAh lithium battery, offering a 10+ years battery life. With its unparalleled broadcasting range and exceptional longevity, L03 stands out as an optimal choice for indoor navigation. Its durable IP67 waterproof design makes also suitable for outdoor applications.

Furthermore, equipped with an optional hardware PA (power amplifier), the L03 boosts its transmit power to +20dBm. This enhancement is ideal for long-range and wide-coverage communication applications, expanding its versatility and performance.

Use Cases



Hotel/ Retail/ Campus/ Hospital

- Room level position
- Safety management



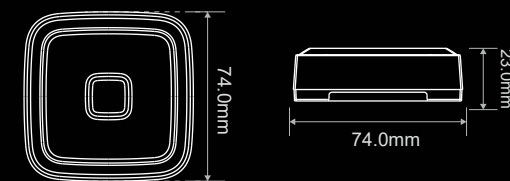
Airport/ Public venues

- Indoor navigation
- Point of interest

General specs

Chipset:	Nordic nRF54L15
Bluetooth version:	Bluetooth 6.0
Dimensions (mm):	74.0*74.0*23.0
Transmit power:	-46dBm~8dBm (normally) Maximum to +20dBm (PA optional)
Color:	White
Material:	PC+ASA
Weight:	125g
IP rating:	IP67
LED:	Circular LED - red/green/blue
Sensor:	3-axis accelerometer sensor

Battery spec:	4xER14505 Li-SOCI2 battery (replaceable)
Battery capacity:	10400mAh
Installation:	Double-sided tape Bracket (screw, zip-tie)
Operating temperature:	-20°C ~ 60°C



Key point



nRF54L15
SoC



Bluetooth
6.0



Ultra-low
power



Channel
Sounding



IP67
waterproof



Maximum +20dBm
Tx Power