Beacon Terminal - Specification

Specification Sheet – Beacon Terminal

The Cube Purple Beacon Terminal is used for increased accuracy within a close proximity area. With its multi-installation methods and robust enclosure, it can be deployed in a factory, warehouse, building and other indoor or outdoor settings.

Features

Main Chip	Nordic nRF52811
Bluetooth	Bluetooth 4.2 (hardware compatible with Bluetooth 5.1)
Range	Up to 160 metres (in the open area and no obstacles)
Dimensions/Weight	70mm x 46mm x 21mm /33.5g (With battery)
Material/Colour	ABS+PC / Grey
Waterproof Rating	IP67
Installation	3m Sticker or Screws
Power on/off	Press inner mechanical button Magnet approaching to pull-down hall effect sensor
LED	Single red LED

Power/Operating Functions

Sensor	Omni polar Hall-effect sensor for magnetic switch 3-axis accelerometer sensor (optional)
Sensor Sampling	Broadcast or notify the 3-axis G-sensor data in real-time (with 3-axis G-sensor)
Operating Temperature	General -20 C / + 60 C
Storage Temperature	-20 C / +70C (without battery) -10 C/25C (with battery)
Humidity	0% - 95% (non-condensing)
Power Supply	Replaceable 1000Ah lithium coin CR2477 battery
Average Current	21uA (Default settings*, without 3-axis G-sensor) 28uA (Default settings*, with 3-axis G-sensor and motion detection is always active)
Lifetime	4 years (Default settings*, without 3-axis G-sensor) 3 years (Default settings*, with 3-axis G-sensor and motion detection is always active)
Certification	USA (FCC), Europe (CE-RED, CE-LVD, CE-EMC, REACH, RoHS)