

# **Light Sensor Beacon**

## **Datasheet V1.0.0**

<b>Ordering Code</b>	<b>Description</b>
E6-6001A	Black casing, CE&FCC certified BLE module with a simple light sensor and anti-dismantlement switch, includes 1pc 230mAh CR2032 coin battery, RoHS

The light sensor beacon E6 is the latest basic IoT sensor device with the light sensor and an anti-dismantlement switch. The hardware is based on the ultra-low power consumption BLE chipset nRF52832 and the firmware is compatible with the leverage Bluetooth 5.0 technology.

The light sensor beacon E6 is designed for the commercial advertising, indoor location-based service and specialized for the asset management and tracking application.

## FEATURES

- Programmed Minew basic IoT firmware
- Included a light sensor
- Included an anti-dismantlement switch
- The max. 50 meters advertising distance
- Ultra-low power consumption chipset nRF52832
- Small size, ultrasonic assembling technology
- Easy to print the logo on the center of top case;

## PICTURE



E6 Light sensor Beacon

Image 1

## CERTIFICATIONS

- iBeacon MFi License (iBC-14-00582)
- FCC Regulation (FCC Part 15.)
- CE Regulations (Included EN300328/301489/60950/62479)

**ELECTRONIC PARAMETERS**

Item	Value	Remarks
Case Color	Black	Null
Battery Model	1 x CR2032	230mAh, 3.0V
Operation Voltage	1.7-3.6V	DC
Transmission Circuit	6.5mA (Max.)	Tested at 0dBm transmission power
Transmission Range	50 meters	Maximum
Light sensor	Photoresistor	Null
Broadcasting Interval	10 seconds	Null
Antenna	50ohm	On board / PCB Antenna
Accessories	Double adhesive	1pc, high-strength, 3M brand;
Net Weight	6.5g	With battery but without package
Size	42.5*23.5*5.3mm	Null

**TECHNICAL SUPPORT**

Item	Version	File Name	Updated Date
Datasheet	V1.0.0	E6 Light Sensor Beacon Datasheet_V1.0.0.pdf	8 <sup>th</sup> April, 2017
2 <sup>nd</sup> Development	V1.0.0	E6 Light Sensor Interface Document_V1.0.0.pdf	8 <sup>th</sup> April, 2017
APP Tools	---	nRFConnect	---

**PACKING INFORMATION**

Image 2

Details	Inner Box (foam)	Carton
Quantity (E6)	100pcs per package box	1000pcs per carton
Net Weight	0.65kg	6.5Kg
Gross Weight	0.7Kg	7.0Kg
Size	30.5 x 11 x 7.5 cm	32 x 23 x 40 cm

**APPDENDIX**

1. J-LINK Programmer Kit;
2. Over-the-Air Function;

Please contact Minew sales team to ask more related information if needed.

**DECLARATION**

The contents of this datasheet are subject to change without prior notice for further improvement. Minew team reserves the right to explain all the terms of this datasheet.

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