

Standard 7.0

User Manual



Document information

Title	Standard 7.0	
Subtitle	Wireless Locator	
Document type	Data sheet	
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1 Product Overview

Standard 7.0 is a Wireless Locator based on low power Bluetooth chip launched by GUANGZHOU MESH INFORMATION TECHNOLOGY CO.,LTD., which is powered by two ER14250 batteries and can be used for up to 5 years.

Standard 7.0 can broadcast UUID, Major, Minor, RSSI, battery power, name, MAC address and other information, where UUID, Major, Minor, name can be set through the mobile phone APP.

Standard 7.0 broadcast distance can reach 80 meters, using 3M glue can be easily installed and fixed.

Standard 7.0 firmware is non-connect type. Non-connect type can only connect and change parameters within 30 seconds of Bluetooth beacon power on.

Standard 7.0 default model without temperature and humidity sensor and acceleration sensor, if necessary, please contact our sales.



Product Photos

2 Hardware parameters

Hardware parameters	
Model	Standard 7.0
Antenna	PCB antenna

STANDARD 7.0 Data

Battery	ER14250 of lithium batteries	2*1200 mAh
Voltage	3.6 V	
Dimensions (D×H)	54*26mm	
Wireless performance		
Wireless Standards	Bluetooth ®4.2	
Frequency range	2400MHz---2483.5MHz	
Data rate	1Mbps	
Modulation mode	GFSK Modulation	
Encryption	AES HW Encryption	
Transmission power	Tx Power -20to +4 dBm in 4dB Steps	
Receiving sensitivity	93 dBm at 1Mbps BLE	
Work model	Peripheral	
Other		
Environment	Working temperature : -40°C~85°C	
	Storage temperature : -40°C~85°C	
	Working humidity : 10~90 Non-condensing per cent	
	Storage humidity : 5~90 Non-condensing	

Temperature and humidity indicators (for Bluetooth beacons with temperature and humidity sensors)	
Measurement accuracy of humidity	±1.5% RH
Humidity measurement resolution	0.01% RH
Temperature measurement accuracy	±0.1°C (in the range of 20-60°C)
Temperature measurement resolution	0.015°C
Temperature measurement range	-40~125 °C

3 Order Type

Standard 7.0

Standard 7.0P

Standard 7.0C

4 Contact us

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7 Version History

Version Number	Date	Change of personnel	Change content
V1.0	07-Sep-2023	syfeng	Initial release

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.