# CONNECT EACH, GLOBAL REACH

### **G1-E SPECIFICATION**

Datasheet: V1.2









#### **HIGHLIGHT**



Multichannel BLE modules



High-speed transmission



strong stability



anti interference



more flexible binding operation with tags



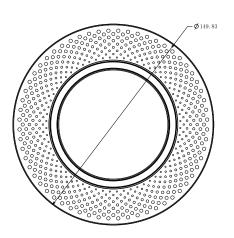
Better network adaptability

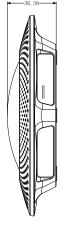


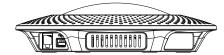
300m monitoring range



seven-color light loop







## G1-E

#### **BRIEF INTRODUCTION**

The gateway G1-E is independently-developed by Minew, working as a center controller of Bluetooth devices, monitoring their wireless signal and transmiting to IoT Cloud Platform via WIFI or Ethernet. G1-E is the most advanced gateway model of G1 series. Assembled with multi BLE modules, it is capable of sending multichannels of data at the same time and binding with tags more flexible. It also boasts with high transmitting speed, anti-interference and strong stability.

G1-E features a fasion appearance with 7-color light loop, which can appear different colors according to different status. With high-sensitivity Bluetooth reception, it has a wide monitoring range. Moreover, its professional router meets the throughput requirement of big data.

### **SPECIFICATION**

Material	ABS
Color	White
Dimension	Ø150×36mm(Built-in antenna)
Weight	165g
Range	300 Metres in open area
Power by	5V 1A DC adapter or PoE
Interface	Network Interface/ USB Interface
Installation	Ceiling, Wall-hung, horizontal arrangement
upgrade	USB OR OTA

TECHNICAL PARAMETER		
WiFi Protocol	IEEE 802.11 b/g/n	
WiFi Power	18dBm	
Bluetooth Protocol	Bluetooth 5.0	
Bluetooth Receive sensitivity	-108dBm	
WI-FI	MTK Chip	
BLE	Nordic52 Module	
Working Temperature	-10°C~+50°C	

Tips: The gateway can only be used for communicating with electronic tags, not for network communication for other devices, otherwise, it may work abnormally, affecting the data transmitting to electronic tags.

### **FCC Requirement**

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

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 residentialinstallation. 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 interferencewill 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 towhich the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.



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