

CONNECT EACH, GLOBAL REACH








G1-E SPECIFICATION

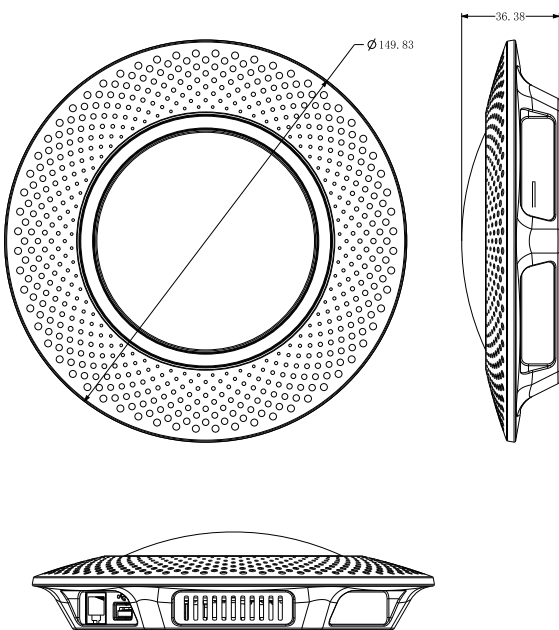
Datasheet: V1.2





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 transmitting 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 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.

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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