Item no.: 367035

MINEW-G1-E - MINEW G1 - Bluetooth Smart IoT Gateway

from **88,03 EUR**

Item no.: 367035
shipping weight: 0.20 kg
Manufacturer: MINEW Technologies

Product Description

The G1 IoT Gateway is a Bluetooth® LE gateway for Wi-Fi or ETH connections. The G1 IoT Gateway collects data from iBeacon, Eddystone, Bluetooth® LE sensors and other Bluetooth® LE devices and then sends it to the local server or a remote cloud server via HTTP/MQTT/TCP protocol over Wi-Fi/Ethernet.With a colourful lamp ring on the top indicating different states, the G1 can be attached with a sticker or screws.As a data receiver, the Minew G1 is well suited for asset tracking, access control management, advertising, indoor positioning, industrial automation, etc.- Higher throughput: up to 400 scanned Bluetooth devices per second with super-fast WiFi CPU & Bluetooth 5.0 SoC- Higher security: WPA 2.0 enterprise encryption, 802.1x authorised; data storage even when disconnected- Higher compatibility: support for AWS/Azure/ARM mBed platforms- Firmware upgrade: OTA available/LAN

technical data- Colour: White- Dimensions: 150 x 150 x 36 mm- Net weight: 155 g- Accessories: 1x USB cable, mental attachment and screws- Power supply (Vcc): DC 5.0 (+/- 5%) max. 5.5 volts- Storage temperature: -40°C to 85°C- Humidity: Max 95%, non-condensing, relative humidityWiFi RF Performance- WiFi protocols: IEEE 802.11 b/g/n- WiFi frequencies: 2.4-2.4835 GHz- Transmission power: 17 dBm (typical) @ 802.11b; 11.3 dBm (typical) @ 802.11g; 8.2 dBm (typical) @ 802.11n- Data transmission speed: 802.11n: Up to 300 Mbps; 802.11g: Up to 54 Mbps; 802.11n: Up to 11 Mbps- Transmission speed: 2T2R 300 Mbps- Minimum receive input level: -87 dBm (typ. with PER < 8% @ 11 Mbps); -70 dBm (typ. with PER < 10% @ 54 Mbps); -70 dBm (typ. with PER < 10% @ MCS7)- Reception sensitivity: 270M: -61 dBm @ 10% PER; 135M: -65 dBm @ 10% PER; 108M: -68 dBm @ 10% PER; 54M: -68 dBm @ 10% PER; 11M: -85 dBm @ 10% PER; 6M: -88 dBm @ 10% PER; 1M: -61 dBm @ 10% PER- Modulation mode: DBPSK, DQPSK, CCK and OFDM (BPSK/QPSK/16-QAM/64-QAM)- Network protocol: HTTP (SSL/TLS)/MQTT (SSL/TLS & Proxy)/TCP- Wireless encryption: WPA-PSK/WPA2-PSK, WPA-EAP/WPA2-EAP and TKIPBluetooth specifications- Bluetooth frequency: 2.4-2.4835 GHz- Bluetooth modulation: GFSK- Transmission power: 18 dBm (max.)*- Receive sensitivity: -108 dBm @ 1 Mbps, 0.1% BER- Number of broadcast packets received: Approximately 400 packets per second- Scan coverage: Approximately 300 metres covered radius (open area)*Note: Actual transmission power may vary depending on country and location and local laws and regulations.

Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability