

Wifi Gateway Specifications

BLE01



Blue Tooth to Wi-Fi gateway and bridge. The gateway reads Beacons and sends to local MQTT server. User can configure the transmit period and server information through a simple web UI.

HARDWARE

- Temperature Range: -20°C to +60°C
- Humidity - Max 95%, Non condensing, relative humidity
- Dimensions: 54mm x 41mm x 18mm (not including dipole antenna)
- Input : 5V, 500mA, micro-USB
- Low Power Consumption
 - 80mA (3,3v) while transferring Wi-Fi Data
- BLE
 - Bluetooth with on board PCB antenna
 - 30M range in open space
 - Transmit Power Max.: 4dBm
 - +-250 kHz @BLE Frequency Deviation
- Wi-Fi
 - Support 802.11b/g/n (single stream)
 - 2.400 – 2.484 GHz frequency band
 - 20MHz Channel Bandwidth
 - Wi-Fi data rate up to 72.2Mbps
 - 2dBi dipole Antenna
 - Web based UI for configuration
 - Connect to Cloud server or local server
 - 100M range in open space

FIRMWARE

- Support Connection to Public MQTT Server or Private Server
- Over-The-Air software upgrade
- Reads multiple Beacon devices in the same time
- Security WPA/WPA2
- Auto reset feature
- UI and Telnet Programmable