

BLUETOOTH (WiFi+GSM+ETHERNET) GATEWAY v.2

Overview

NetOP Bluetooth Gateway (WiFi+GSM+ETHERNET) is an advanced gateway that enables fast time-to-market solutions for a wide range of IoT applications by using Bluetooth5.0 technology. It offers a powerful and cost-effective solution for large-scale low-power wireless deployments. It is capable of collecting data from up to 12 NetOP Bluetooth sensors which can be used for different use cases and applications.

Key Features

- Works with either 2G/3G/4G Cellular Networks, WiFi, ETH
- Real plug and play
- Easy to mount and install
- Maintenance free – install & forget
- Certifications: CE



Communication Specs

- The device uses Bluetooth5.0 technology
- Compliant with unlicensed 2.4 GHz ISM band
- Works with either 2G/3G/4G Cellular Networks, WiFi or Ethernet
- External Bluetooth and GSM antenna
- Frequency Range: 850/900/1800/1900MHz

Mechanics

- Enclosure: IP67 (Optional Indoor ABS)
- Dimensions: 200 x 150 x 50 mm
- Operating temperature: -40°C to +85°C

Input Power

- 5V DC, 2A external power adapter or POE

Power Supply

- Electric supply
- Rechargeable 950mAh Lithium Battery (for backup, it can work up to 4 hours with battery)

Indicators

- RGB Status LED (on board)

Specifications

SIM Card Compatibility	:	Mini-SIM or Chip-SIM(the Gateway can be used with WiFi connection as well)
Controller	:	80 MHz to 240 MHz Dual core ARM based
Maximum Motes Limit	:	Up to 12 Bluetooth sensors can connect to the Gateway
Available Accessories	:	Power Adapter, GSM and Bluetooth Antennas
Data Transmission Period	:	15 minutes(default)
Bluetooth Version	:	5.0
External Memory	:	Mini SD Card Slot (SD Card Not Included)
Sensors	:	Embedded Temperature & Humidity
Sensor Slots	:	2 Empty Ready Sensor Slots for NetOP IoT Sensor Family

Certifications & Reliability

- CE
- Bluetooth® SIG certified
- EN 62479
- EN60950
- EN 301 489-1
- EN 301 489-17
- EN 300 328

Applications

- Real Time Remote Monitoring
- Location based applications
- Asset Tracking applications
- Cold Chain Monitoring
- Smart Parking
- Real time data collection
- Smart Office applications
- Energy monitoring applications and many more....

