

## Data Sheet

# Treon Gateway 2

Treon Gateway 2 collects, processes, and transmits data from sensors to any cloud backend over a wide range of wired and wireless connectivity.



## Features

- Available with Wirepas or Bluetooth connectivity.
- Supports +8dBm transmit power for Wirepas communication protocol.
- Wide global cellular coverage due to custom designed wideband cellular antenna.
- Real time clock even when the gateway is powered off enabled by the battery backup.

## Common Specifications

| Dimensions            |  | Weight         | Mounting                       |
|-----------------------|--|----------------|--------------------------------|
| ø95mm x 18,3mm        |  | 85g            | Wall mount accessory available |
| Materials             |  |                |                                |
| Cover material        |  | Polycarbonate  |                                |
| Environment           |  |                |                                |
| Operating temperature |  | 0°C to +50°C   |                                |
| Storage temperature   |  | -40°C to +85°C |                                |

## Installation

How to install [Treon Gateway](#), [learning path](#).

## Technical Specifications

### Power supply

Power supply 5V DC

### Hardware

ARM Cortex-A8 1GHz Processor

1 GB DDR3L RAM

16 GB eMMC Storage

### Connectivity

USB A Host Port

Ethernet

2G, LTE-M

Wi-Fi, 2.4GHz 802.11b/g/n

Bluetooth 5, Bluetooth LE

Wirepas 2.4GHz

### Networking

Firewall (iptables)

Linux TCP/IP stack

TLS/SSL

MQTT

BlueZ

Linux Bluetooth stack

Wirepas Connectivity

### Software, Development Environment

ARM-based Linux OS (Yocto)

Pre-loaded Python and Node.js

SDK, Native GCC

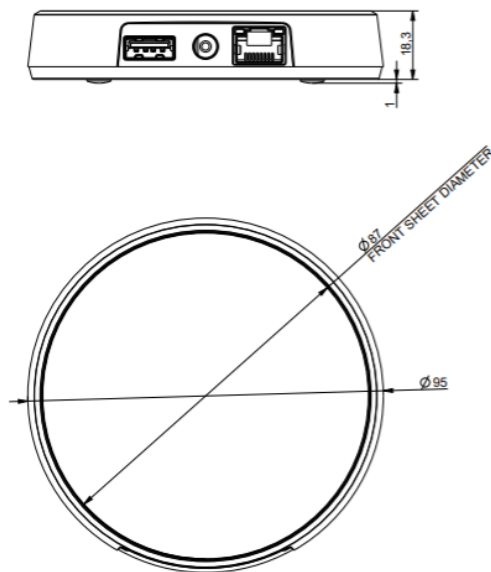
### Cloud support

Microsoft Azure IoT EDGE certified

Amazon Web Services

Easy integration to any cloud

## Technical Drawing



## Certifications

Extensive certifications leaflet available at: [Treon Store](#)

| Country       | Model 1211* |
|---------------|-------------|
| Europe        | Yes         |
| Japan         | Yes         |
| United States | Yes         |

\* Support for cellular connectivity may vary depending on region and operator.

**HS code:** 8517699000

## Power supply adapter

By default, our products are shipped with power supply with changeable adapters. Adapters included are type A, F, G.

| Plug type | Country/territory |
|-----------|-------------------|
| A         | North America     |
| F         | Brazil, Europe    |
| G         | United Kingdom    |
| I         | Australia         |

For specific power supply adapters contact [Sales](#).

## Contact

Let's join forces!

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