

Data Sheet

Treon Gateway

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



Features

- Connect sensors via Wirepas mesh.
- Wide range of connectivity options. Wireless with LTE-M/2G cellular connection and 2.4GHz Wi-Fi, wired Ethernet connection, USB for external modem.
- Built-in end-to-end security. Device certificate (X.509), Transport Layer Security (TLS), access control based on unique passwords.

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 / NB-IOT
Wi-Fi, 2.4GHz 802.11b/g/n
Bluetooth, Bluetooth LE
Wirepas 2.4GHz

Networking

Firewall (iptables)
Linux TCP/IP stack
TLS/SSL
MQTT
Linux Bluetooth stack
Wirepas Connectivity

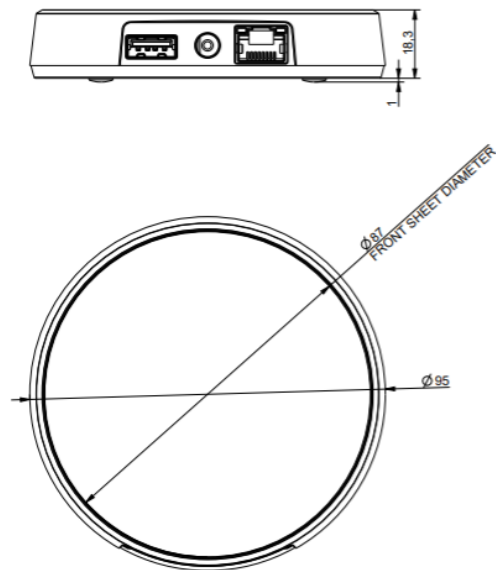
Software, Development Environment

ARM-based Linux OS (Yocto)
Pre-loaded Python and Node.js
SDK, Native GCC

Cloud support

Microsoft Azure IoT EDGE certified
Easy integration to any cloud

Technical Drawing



Certifications

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

Country	Model 1111*	Model 1111, variant NC**
Australia	Yes	
Brazil		
Canada	Yes	
Chile	Yes	
China		
Colombia		
Ecuador		
Egypt		
Europe	Yes	
India	Yes	
Indonesia		
Israel		
Japan		
Jordan		
Korea		
Malaysia		
Morocco	Yes	
New Zealand	Yes	
Pakistan		
Peru		
Philippines	Yes	
Qatar		
Saudi Arabia		Yes
Serbia		
Singapore		
Taiwan		
Thailand	Yes	
Turkey		
United Arab Emirates		
United Kingdom	Yes	
United States	Yes	
Vietnam		

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

** Non cellular, certified without cellular connectivity.

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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