

TECHNICAL SPECIFICATIONS

Treon Gateway 2 in Protective Enclosure

Dimensions

Size 180 x 130 x 81mm (excluding cable sealing clamps)
Weight 632g (without power cord) / 867g with EU power cord

Materials

Cover material Polycarbonate
Gasket TPE

Mounting

Wall mounting with wall mounting lugs

Enclosure environment

Operating temperature -20°C to +50°C
Storage temperature -40°C to +85°C
Humidity 20 to 90%, noncondensing
pressure equalizer

Ratings

IP66/IP67 enclosure
IP44 integrated power cord (length 1.5m)*
EURO type F ungrounded plug
Impact Resistance IK08 (EN 62262)

* IP rating may vary depending on plug variant

Power supply

Voltage range 85 to 264 VAC
Frequency range 47 to 440 Hz
Power consumption 30VA max

Treon Gateway 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

Certifications

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