


# GALEO

DIN-rail **Universal Control & Command edge device** for data reporting & remote control

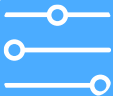


DISCOVER →


# Product Highlights




**Multi-asset Connection**



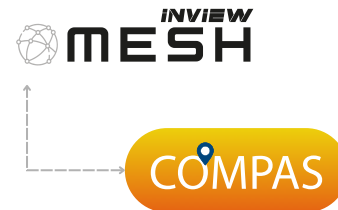
**Customizable**



**Compact**



**Universal**



# Applications Areas



**Customer** : Parking manager  
**Application** : EV chargers management  
**Country** : Belgium  
**Expertise** : Hybrid edge-cloud custom monitoring & control



**Customer** : Infrastructure energy manager  
**Application** : Building management  
**Country** : Belgium  
**Expertise** : Local monitoring with multi-site layer connected through an API to our partner platform



**Customer** : Energy supplier  
**Application** : Co-gen remote control  
**Country** : Belgium  
**Expertise** : Agnostic gateway with multi-site layer connected through an API to their customer platform

# GALEO

## DIN-rail universal edge device for data reporting & remote control



## Industrial, compact and connected

The **GALEO Universal Edge Device** is a compact DIN-rail industrial gateway designed to run the **COMPAS energy monitoring and control software** on a **Raspberry Pi platform**.

It enables secure, real-time data acquisition and remote control of industrial equipment.

The **GALEO** supports several physical interfaces (RS485, RS232, USB, Ethernet) as well as standard industrial protocols (ModBus, CANopen, SNMP, REST) to connect and monitor assets.

**COMPAS** offers the possibility to collect data from industrial equipment's such as solar inverters, converters, energy-meters, sensors, batteries, relays... In addition to collecting data, our software enables to control the equipment like changing parameters or update configuration. Real-time data visualization is available on the web interface for a short-time (defined by configuration) and reports can be defined to export data.

COMPAS can also be used to define alarms or events to inform the user if a piece of equipment signals an error, or if a piece of equipment/sensor is disconnected or faulty.

# Specifications

## Electrical

<b>Input Standard Voltage Based on Raspberry Pi Device</b>	9 to 28 Vdc
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## Features

<b>Connectivity</b>	<ul style="list-style-type: none"> <li>• RS485, RS232</li> <li>• USB</li> <li>• Ethernet</li> </ul>
<b>Communication Protocol with COMPAS</b>	ModBus, SNMP, CANopen, HTTP(s), MQTT(s), ...
<b>Customization</b>	Specific configuration Python Scripting Specific alarming



## Environmental

<b>Operating Temperature</b>	-20 to +50 °C
<b>Storage Temperature</b>	-30 to +70 °C
<b>Humidity Operating</b>	5 to 90 % RH non-condensing
<b>Protection degree</b>	IP20

## Standards

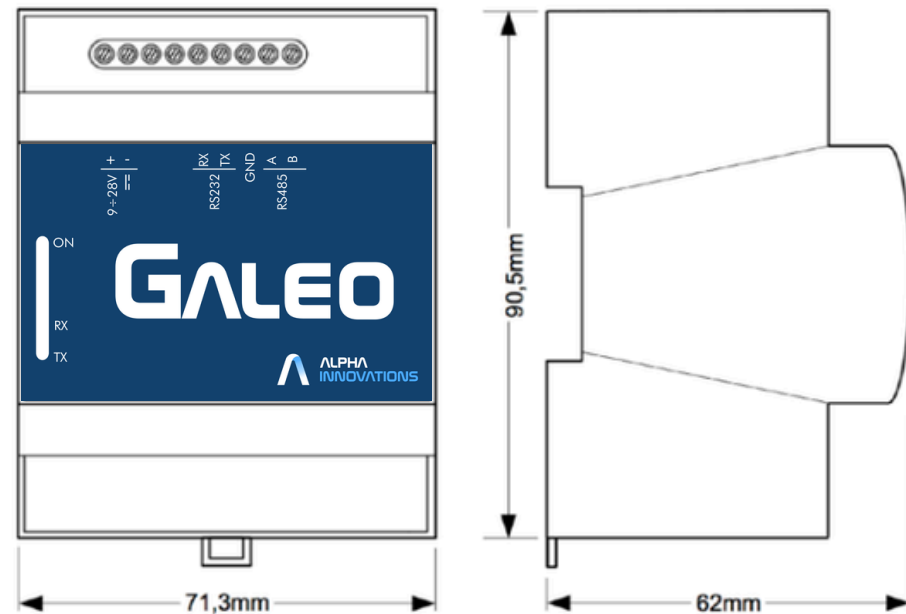
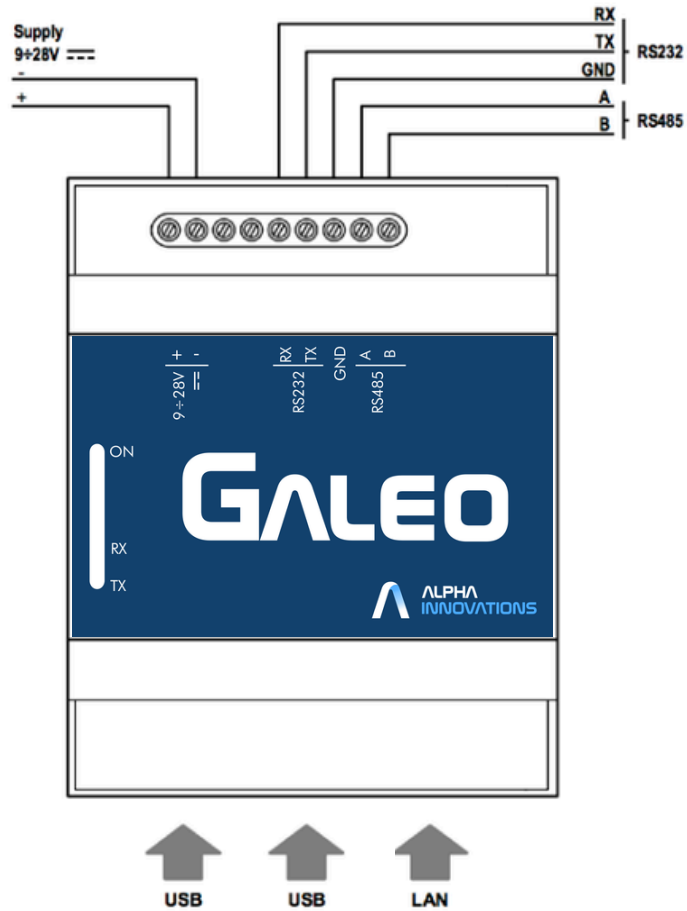
<b>EMC</b>	<ul style="list-style-type: none"> <li>• 2014/30/EU</li> <li>• EN61000-6-2:2019</li> <li>• EN 61000-6-3:2007/A1:2011/AC:2012</li> </ul>
<b>RoHS</b>	<ul style="list-style-type: none"> <li>• 2011/65/EU and 2015/863/EU</li> </ul>

## Part Number

<b>Family</b>	9400 063 00000
<b>Specific Configuration</b>	9400 063 00xxx

# Mechanical dimensions

<b>Dimensions (mm)</b>	71.3 x 90.5 x 62 (mm)
<b>Weight (g)</b>	150



# Product Options

**Monitoring Unit**  
8 GB SD card included

COMPAS



+ **Supply :** PSU Meanwell HDR-3024  
PSU Meanwell DRC-60B

+ **Breaker :** DISJ. 2P 1A ABB

+ **List of actual DIN rail option (non-exhaustive list) :**

Modem 4G USB DIN rail  
DRAGO In-rail bus connector 35x15mm (DZU 1462)  
DRAGO in-rail bus 120mm rail 35x15mm  
DRAGO module 2AI + 2AO (4-20mA or 0-10V) (DMB96400B)  
DRAGO module 4 channel AI (DMB96204)  
DRAGO module 4 channel Relay (DMB96804)  
DRAGO module 4 channel DI/DO (DMB96704)  
DRAGO module universal AI/DI (DMB96504)  
DRAGO connection module (DMB96004)  
EASTRON SDM630MCT-E-MID (for CT)  
EASTRON Current Transformer ESCT-T24-250/5A  
EASTRON Current Transformer ESCT-T24-200/5A  
EASTRON Current Transformer ESCT-T24-100/5A  
EASTRON SDM630 Modbus V2 100A MID  
ENLESS WIRELESS RX MODBUS 500-302  
ENLESS WIRELESSTX PULSE 600-036  
ENLESS WIRELESS TX MODBUS 600-041  
WAGO IO System 750



**DRAGO | AUTOMATION**  
*engineered for your success*

**Enless Wireless**  
M2M & IoT Wireless Expert

# Product Packages

## BASIC PACK

COMPAS

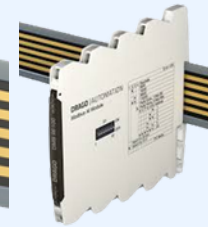
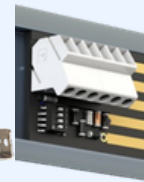


Galeo
Supply PSU Meanwell DRC-60B
Breaker DISJ. 2P 1A ABB

Dimensions max (mm)	115 x 90.5 x 62 (mm)
Product code	9400 063 00003

## EXAMPLE OF A SPECIFIC PACK

COMPAS

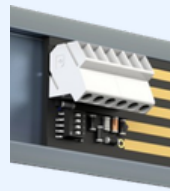


Galeo
Supply PSU Meanwell DRC-60B
Modem 4G USB Din rail SIM7600G-H
Drago In-rail bus connector 35x15mm
Drago module 4 Channel Relay DMB96804

Dimensions max (mm)	180 x 210 x 107 (mm)
Product code	9400 063 00104

## STANDARD PACK

COMPAS



Dimensions max (mm)	240 x 97 x 107 (mm)
Product code	9400 063 00004

Galeo
Supply PSU Meanwell DRC-60B
Breaker DISJ. 2P 1A ABB
Drago In-rail bus connector 35x15mm
Drago module 2AI + 2AO (4-20mA or 0-10V)
Drago module 4 Channel Relay DMB96804

# More info ?

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