

# CL100

CLOUDLINK Gateway for a cybersecure remote communication to SMARTCLOUD and Mecc Alte Software in GSM/GPRS/LTE with GPS/GLONASS/GALILEO/BeiDou

CLOUDLINK



CL100 is a communication gateway designed to establish a cybersecure connection using GSM / GPRS / LTE to Mecc Alte's remote monitoring and control platform SMARTCLOUD; as well as a secure connection to Mecc Alte Software.

CL100 can be easily programmed by connecting the gateway, using the on-board USB or RS232 port, to a PC running the BoardPrg configuration software, available for free on the Mecc Alte website.

The on-board RS485 port allows communication to Mecc Alte controllers as well as other compatible devices.

The DIN RAIL mount allows quick and easy installation in industrial panels.

## MAIN FEATURES

- Cybersecure CloudLink Connection
- SSL/TLS Security Protocol
- Internal SIM card slot
- Multiple Networks GSM/GPRS/LTE (Cat.M1 and NB-IoT)
- Global Positioning GNSS (GPS, GLONASS, GALILEO, BeiDou)
- DIN RAIL mount for quick and easy installation
- Internal Back-Up Battery for asset tracking
- Analogue Input 0-5V ideal for Fuel Tanks
- Flexible DC voltage supply (12V and 24V)

## TECHNICAL DATA

- Supply: from 8 to 32Vdc
- Dimensions: 106x90x62 mm
- DIN RAIL: 46277
- Power consumption: 75mA at 24V and 150mA at 12V
- Weight: 254g
- Operating Temperature: -20°C to +60°C
- Protection Degree: IP20

## INPUTS - OUTPUTS AND AUXILIARY FUNCTIONS



8 Digital inputs



2 Digital outputs



1 Analogue input



Gyroscope



RS485



USB port



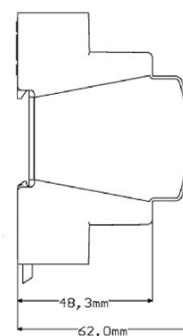
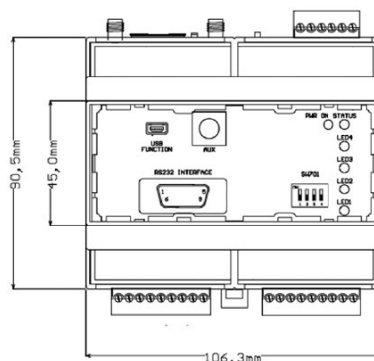
RS232



Accelerometer

CL100 is a multi-purpose, flexible device which can be connected to a machine (e.g. a genset, a lighting tower, UPS and even a fuel tank).

The CL100 is also equipped with positioning hardware such as an Accelerometer, Gyroscope and GPS/GLONASS/GALILEO/BeiDou.



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