



DATASHEET

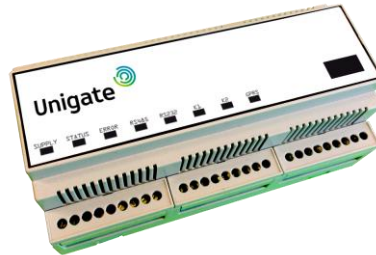
Unigate

DESCRIPTION

Unigate is a gateway designed for the monitorization and remote management of central cabinet systems. The installations connected to the device can be easily and efficiency programmed and managed. Based on Artificial Intelligence algorithms, Unigate can be used in several use cases, such as public lighting management and Building energy efficiency.

KEY FEATURES

- The device is based on two processors to provide robustness in case of fault or failure.
- Equipped with most extended interfaces and protocols: RS232 MODBUS RTU, RS485 MODBUS RTU y MODBUS TCP/IP Ethernet
- Digital and Analogic inputs and outputs that allows the external variables' acquisition and connection to public supplies.
- Autonomous performance based on real time clock with two relay output.
- It is possible to connect any protocol or external device.
- Security measures are implemented in both hardware and software
- Different new and extended wireless technologies: WIFI, 3G, GPRS, NB-IoT, LTE-M.
- Independent power supply for better isolation 12/24 V DC.



TECHNICAL FEATURES

Processor

CPU Microcontroller 1	400 MHz, 16Mb de RAM, 64Mb FLASH, OTAP (Over-the-air-programming)
CPU Microcontroller 2	64Kb de FLASH, 4Kb de RAM, OTAP (Over-the-air-programming)

Interfaces

LAN/ Ethernet	10/100Mbps RJ45
RS232	5 wires (TX, RX, CTS, RTS, GND)
RS485	2 wires (A, B, GND, including line terminator)
USB	USB HOST

Communications (optional)

GPRS	QuadBand GSM 850/900/1800/1900MHz (Modular, more options available). With connector for external antenna
3G	Available under request
LTE NB-iot/ Cat M1	LTE FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28 LTE TDD: B39 (For Cat M1 Only) EGPRS:850/900/1800/1900MHz
WIFI	802.11 b/g en 2.4Ghz
GPS	Only available on LTE version

