

Option CloudGate Micro (CM0125-121xx Family)



Product codes:

- **CM0125-12164 (Base model)**
- **CM0125-12166 (with WLAN AP/Client)**
- **CM0125-12199 (with LoRaWAN 868+9XX)**
- **CM0125-12196 (with internal Last Gasp Battery)**

Product Technical Descriptions:

1. **CM0125-12164 (Base Model)**

- CG Micro is a “slim-size” worldwide LTE Cat 4 Programmable Multicarrier Gateway with 3G fallback
- It comes standard with 2 Ethernet ports for LAN/WAN connectivity.
- Please see CG Universe for further documentation on this product.
- The CG Micro is optimally suited as an industrial and building automation protocol converter
- It features worldwide certification, secure remote access, connectivity back-up
- Variants are available with optional plug-in card that include WLAN, LoRaWAN and Last-gasp battery.

2. **CM0125-12166 (with WLAN AP/Client)**

- CG WLAN 3.0 plug-in card is integrated in the CM0125-12166
- Please see CG Universe for further documentation on this card
- The WLAN CG2131 Expansion Plug-in card features client & access point mode. WLAN antenna connector is located on rear of CG Micro. Up to 32 clients can be connected.
- It is built around a certified chipset RS9116N-DB00-CC0 from Redpine Signals (CE, FCC and ISED).

3. **CM0125-12199 (with LoRaWAN 868+9XX)**

- CG LoRaWAN base station plug-in card is integrated in the CM0125-12199
- Please see CG Universe for further documentation on this card
- LoRaWAN antenna connector is located on the rear of CG Micro.
- It is built around a certified chipset from Semtech SX1302 (CE, FCC and ISED).
 - The LoRaWAN expansion plug-in allows the CloudGate gateway to connect to all LoRaWAN wireless sensors.
 - LoRaWAN nodes in the LuvitRed application on CloudGate include:

OPTION

- LoRa Forwarder: LoRaWAN packet forwarder node to communicate with cloud-based LoRaWAN network controller (private or public). Special forwarders for specific network controllers such as Actility and Loriot are available.
 - LoRa Server: LoRaWAN server node to create a private LoRaWAN network
 - LoRa App: Manage LoRaWAN sensors in a LoRaWAN application
 - LoRa Device: LoRaWAN sensor node in the LoRaWAN application (see on the right)
- 4. CM0125-12196 (With Integrated Last-gasp battery)**
- CG Micro with integrated battery provides battery back-up for the CG in the event of a mains power loss for up to one hour for non-interrupted operation.
 - It allows the CG to send out an alert about a power loss
 - is a “slim-size” worldwide LTE Cat 4 Programmable Multicarrier Gateway with 3G fallback

CloudGate micro does not support inserting expansion cards in the front nor the back side.

Customs code (used for shipping) for CloudGate micro is 8517620090.