



GTM-200M

Modem to USB/RS-232 Converter (No built-in Modem)

Features

- Optional communication module
- Designed for wireless High-Speed Data, SMS Applications
- Support Standard AT Commands
- Includes a Digital Input Channel to reset the System
- High reliability in harsh environments
- Supports USB 2.0 High Speed Interface.
- DIN-Rail mountable



Introduction

GTM-200M is an industrial modem converter with RS-232 and USB interfaces. Customers can choose to match different communication modules according to the needs of the field, which can support different frequency bands.

The GTM-200M also provides an integrated Library, allowing customers to focus on and speed up the development of applications without having to deal with the command problems of different communication modules. The standard interface can be easily matched with various PLCs and PCs, and SMS transmission and 3G/4G connection can be quickly implemented through the Library.

Applications

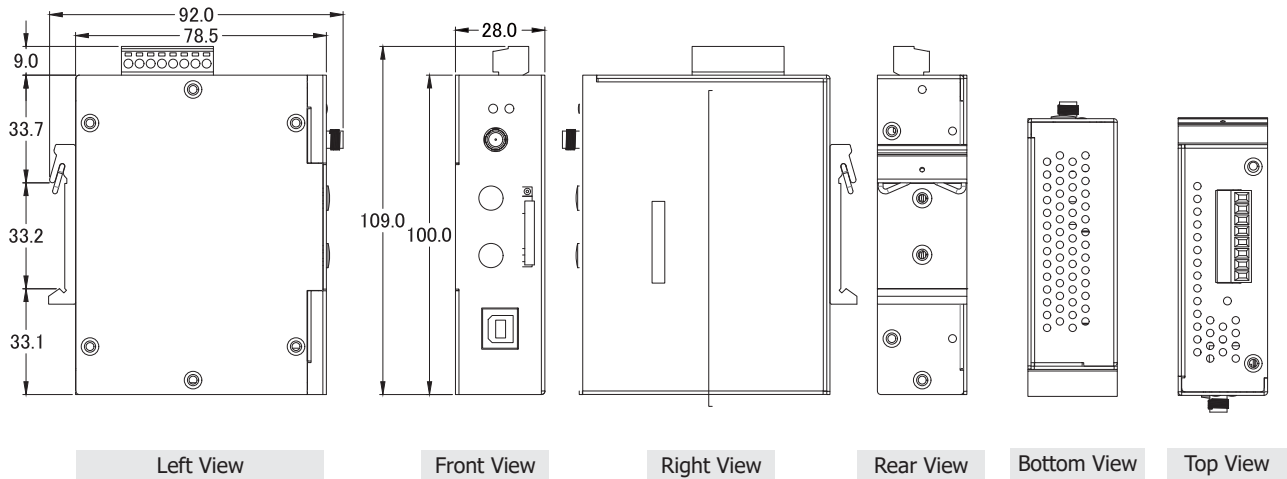


System Specifications

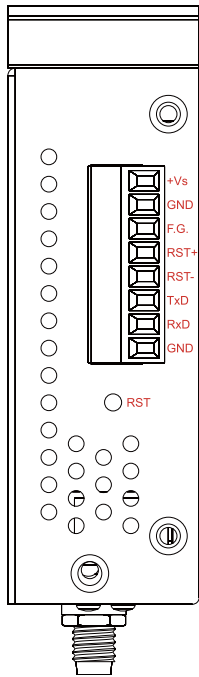
| LED Indicators | |
|-------------------|--|
| Status | 1 x Power 1 x 4G/3G/GSM |
| Reset Input | |
| Type | Isolated, 3750 Vrms |
| ON Voltage Level | +3.5 VDC ~ +30 VDC |
| OFF Voltage Level | +1 VDC max. |
| Input Impedance | 3 kΩ, 0.25W |
| COM Ports | |
| Ports | 1 x RS-232 (Rx/D, Tx/D, GND) |
| Baud Rate | 9600 bps ~ 115200 bps (default: 115200 bps) |

| USB | |
|-----------------------|-----------------------------|
| Specification | USB 2.0 (high speed) |
| Driver | Windows 10 |
| Mechanical | |
| Casing | Metal |
| Dimensions (mm) | 28 x 78.5 x 100 (W x L x H) |
| Installation | DIN-Rail |
| Environment | |
| Operating Temperature | -25°C to 70°C |
| Storage Temperature | -40°C to 80°C |
| Humidity | 5~90% RH, non-condensing |

Dimensions (Units: mm)



Pin Assignments



| | Name |
|------------------------------|------|
| Power Input +10 ~ +30 VDC | +Vs |
| | GND |
| Frame Ground | F.G |
| Reset | RST+ |
| | RST- |
| RS-232 | TxD |
| | RxD |
| | GND |

Ordering Information

| | |
|--------------------|--|
| GTM-200M CR | Modem to USB/RS-232 Converter (No built-in Modem) (RoHS) |
|--------------------|--|

Accessories

| | |
|-----------------------|---|
| ANT-421-04 CR | 2 dBi, 4G LTE omni-directional antenna (SMA Male Plug) (RoHS) |
| ANT-421-05 CR | 5 dBi, 4G LTE omni-directional antenna (SMA Male Plug) (RoHS) |
| ANT-Base-01 CR | Antenna magnetic base with 1.5 meter cable (SMA Male Plug) (RoHS) |
| EC25-E CR | 3G/4G Communication LTE category 4 module |
| EC20-CE CR | 4G IoT LTE Category 4 Module |
| LE910C4-WWX CR | LTE Cat-4 module. (RoHS) |