

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



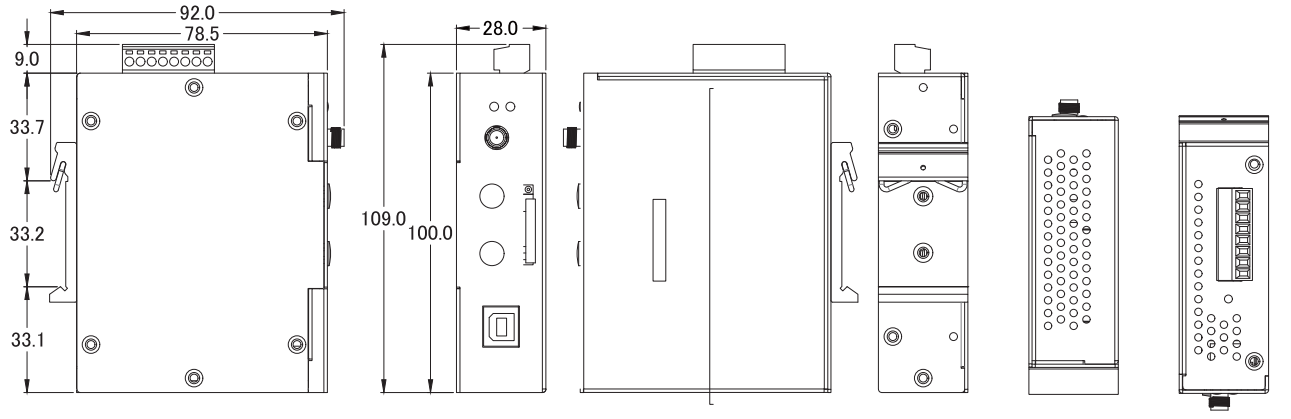
System Specifications

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 (RxD, TxD, GND)
Baud Rate	9600 bps ~ 115200 bps (default: 115200 bps)

USB	
Specification	USB 2.0 (high speed)
Driver	Windows 10_x64, Windows 11
Mechanical	
Casing	Metal
Dimensions (mm)	28 x 78.5 x 100 (W x L x H)
Installation	DIN-Rail
Environment	
OperatingTemperature	-25°C to 70°C
Storage Temperature	-40°C to 80°C
Humidity	5~90% RH, non-condensing

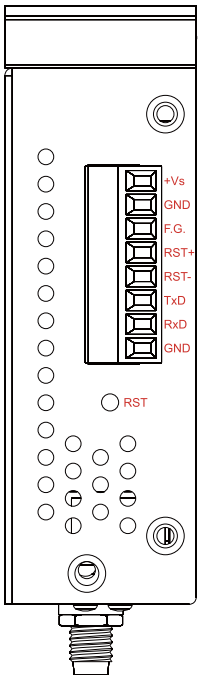
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Dimensions (Units: mm)



Left View | Front View | Right View | Rear View | Bottom View | Top View

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)

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