

GTM-205M

Modem M.2 to USB Converter (No built-in Modem)

Features

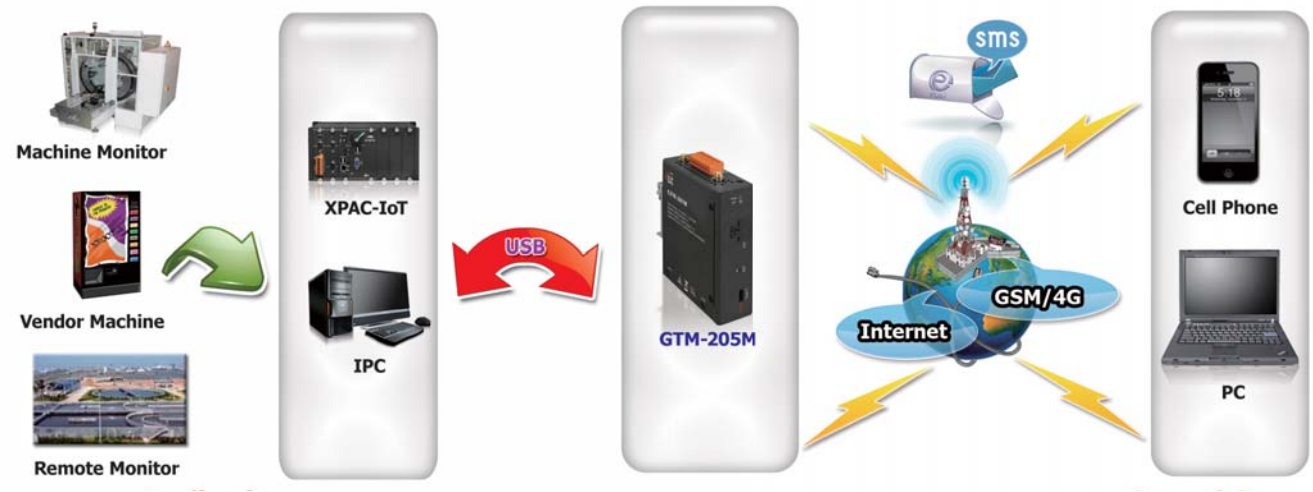
- Optional communication modules can be purchased and installed.
- Can be used for wireless high-speed data transfer and messaging.
- Support Standard AT Commands
- Includes a Digital Input Channel to reset the System
- Supports USB 3.1 Super Speed Plus Interface.
- DIN Rail mountable

Introduction

GTM-205M is an industrial-grade data modem M.2 converter with a USB Super Speed Plus interface. Customers can choose different communication modules according to the requirements of the field site, which can support services in different frequency bands.

GTM-205M supports standard AT commands and also provides an integrated library, allowing customers to focus on and accelerate application development without dealing with command issues of different communication modules.It can be paired with various PLCs and PCs, and through the library, SMS sending and 4G/5G connectivity can be quickly implemented.

Applications



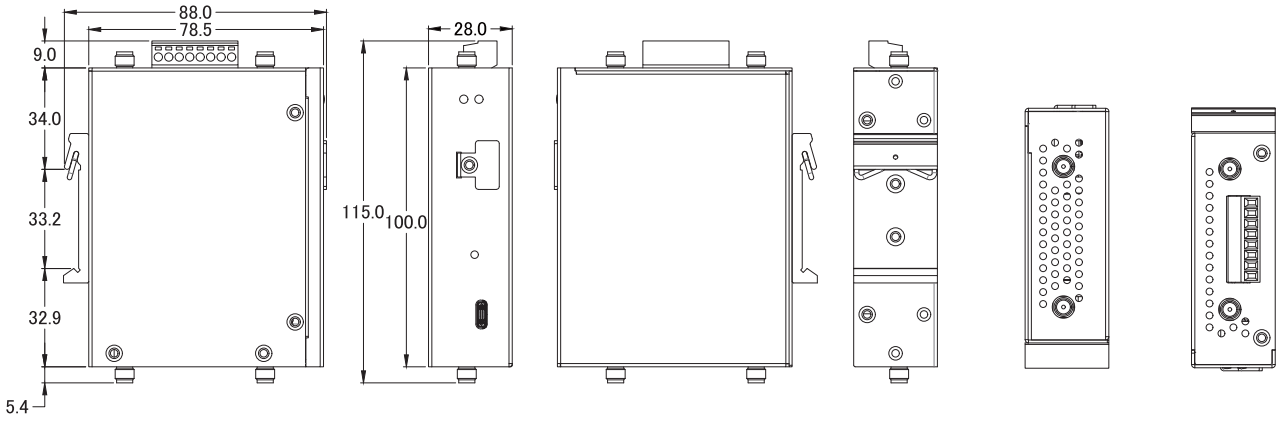
System Specifications

LED Indicators	
Status	1 x Power 1 x 5G/4G
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. Only for software reset system.)
Baud Rate	115200 bps

USB	
Specification	1 x USB 3.1 (Super speed plus)
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	
Operating Temperature	-25°C to 70°C
Storage Temperature	-40°C to 80°C
Humidity	5~90% RH, non-condensing

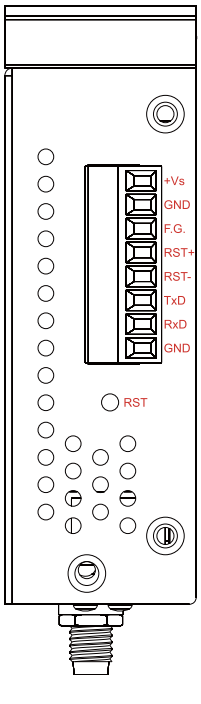
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Dimensions (Units: mm)



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-205M CR	Modem M.2 to USB Converter (No built-in Modem) (RoHS)

Accessories

ANT-859-01 CR	4.5 dBi, 5G LTE omni-directional antenna (SMA Male Plug) (RoHS)
ANT-115-P1 CR	GPS magnetic mount antenna with 1.6M cable (SMA Male Plug) (RoHS)
RM500Q-AE CR	IoT/eMBB-Optimized 5G Sub-6 GHz M.2 Module.(Asia Only, Except China)
RM500Q-GL CR	IoT/eMBB-Optimized 5G Sub-6 GHz M.2 Module.(Asia Only)
FN990A28 CR	5G/LTE Data Card M.2 module (RoHS)
MV31-W CR	Ultra High-Speed 5G with LTE and 3G Fallback Modem Card

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