

GTM-204M-4GE
GTM-204M-4GC

Industrial 4G LTE Modem

Features

- Designed for LTE/UMTS/GPRS Data, SMS and Voice Applications
- Supports TCP Server, TCP Client, UDP Client Connection from 4G or 3G or GPRS
- Supports Standard AT Commands
- Includes a Digital Input Channel to reset the System
- The RS-232 Port supports 9600 to 115200 bps
- The USB supports USB2.0 high speed
- DIN-Rail mountable

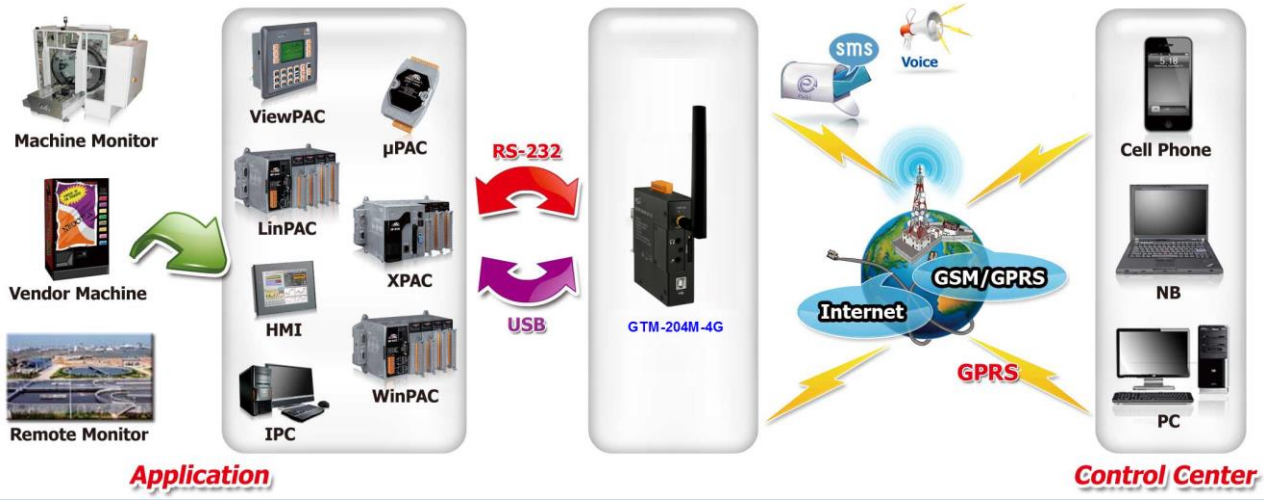
Introduction

The GTM-204M Series is an industrial 4G LTE and Quad-band GSM modem with RS-232 and USB interfaces that work at frequencies of 4G FDD and 3G WCDMA and 2G GSM. The modems utilize the 4G/3G/2G network to transfer data. The features of the GTM-204M Series allow a variety of PLC and PC applications to take advantage of SMS and 4G/3G/2G connectivity.

Dimensions



Application



Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Specifications

Item	GTM-204M-4GE	GTM-204M-4GC
GSM System		
Frequency Band(MHz)	850/900/1800/1900	900/1800
GPRS connectivity	GPRS class 12; GPRS station class B	
Data GPRS	Downlink transfer: Max. 85.6 kbps; Uplink transfer: Max 42.8kbps	
3G System		
Frequency Band(MHz)	WCDMA 850/900/2100	WCDMA 900/2100 TD-SCDMA 1900/2100 CDMA2000 (BC0) 800
Data Transmission	DC-HSPA+ Download: Max. 42 Mbps; Upload: Max 5.76Mbps TD-SCDMA Download: Max. 4.2 Mbps; Upload: Max 2.2Mbps CDMA2000 EVDO Download: Max. 14.7 Mbps; Upload: Max 5.4Mbps	
4G System		
Frequency Band	FDDLTE: B1/B3/B5/B7/B8/B20	FDD LTE: B1/B3/B8 TDD LTE: B38/B39/B40/B41
Data Transmission	Download Max 100Mbps / Upload Max 50Mbps	
SMS		
SMS	MT, MO, CB, Text and PDU mode	
Comm. Interface		
COM ports	TxD, RxD, GND	
COM Port Baud Rate	9600 bps ~ 115200 bps	
USB	USB 2.0 (high speed)	
USB Driver support	Windows XP/7/8/10/11, Windows Server 2012	
LED Indicators		
Power	Red	
4G/3G/GSM	Green	
Power		
Protection	Power reverse polarity protection	
Frame Ground Protection	ESD, Surge, EFT, Hi-Pot	
Required Supply Voltage	+10 V_{DC} ~ +30 V_{DC}	
Rated Current	30 ~ 15 mA / 10 ~ 30 V_{DC}	
Reset Input		
Input Type	Isolated, 3750 V_{rms}	
On Voltage Level	+3.5 V_{DC} ~ +30V_{DC}	
Off Voltage Level	+1 V_{DC} max.	
Input Impedance	3 kΩ, 0.25W	
Mechanical		
Casing	Metal	
Dimensions (W x L x H)	28 mm x 79.4 mm x 100 mm	
Installation	DIN-Rail	
Environment		
Operation Temp.	-25°C to 70°C	
Storage Temp.	-40°C to 80°C	
Humidity	5~95% non-condensing	

Ordering Information

GTM-204M-4GE	Industrial 4G Modem with RS-232 and USB interface. (RoHS) (Asia Only, Except China)
GTM-204M-4GC	Industrial 4G Modem with RS-232 and USB interface. Frequency Band for China. (RoHS) (Asia Only)

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000