



Features

- Support FDD LTE band B1/B3/B7/B8
- Support TDD LTE band B38/B39/B40/B41
- Support WCDMA 900/2100MHz
- Support GSM 900/1800MHz
- Com Port:COM1(RS-232 Debug Port).COM2(3-wire RS-485)
- I/O:5 Channel DI,4Chennal AI,2Channel DO
- Support Micro SD card
- Provide 4G RTU function
- Serial Port to 4G Gateway Function
- High reliability in harsh environments
- DIN-Rail mountable



GTP-541M-UDR

Introduction

GTP-541M is an intelligent Active 4G Remote Terminal Unit. It can be used in M2M application fields to transfer the local I/O or Modbus device's data via WCDMA/GPRS by the defined period or DI/AI trigger. With the simple I/O linkage function, GTP-541M can reach the real time control in local field.

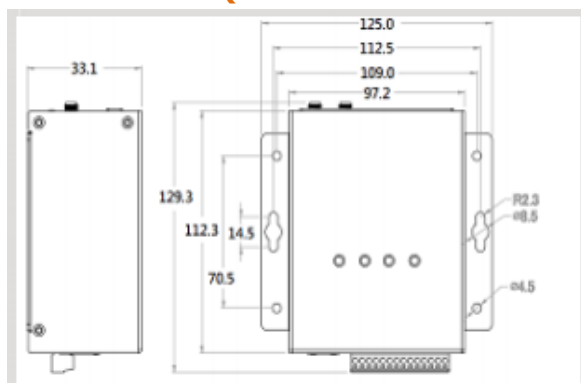
Applications



Product specification

4G Interface	
Frequency Band	FDD LTE:B1/B3/B7/B8 TDD LTE:B38/B39/B40/B41
Power Class	Class 3(250mW@LTE)
3G Interface	
Frequency Band	WCAMA 900/2100MHz
Power Class	Class 3(250mW@WCDMA)
GSM Interface	
Frequency Band	GSM 900/1800MHz
Power Class	Class 4(2W@900MHz) Class 1(1W@1800MHz)
System	
CPU	ARM Cortex™ A5 processor
Expansion Flash Memory	SD Card (Max. 32GB SDHC)
RTC(Real Time Clock)	Provide seconds, minutes, hours, day of week/month, month and year
64-bit Hardware Serial Number	Yes
Watchdog Timer	Yes
LED Indicator	4 LEDs (PWR, 4G, STA, GPS)
LED Indicators	
PWR	LED1:Red
4G	LED2:Green
STA	LED3:Orange
GPS	LED4:Green
Comm Interface	
COM1	RS-232,TxD,RxD,GND/RS-485:D+,D-
Baud Rate	9600 · 19200 · 38400 · 57600 and 115200 bps
Power	
Protection	Power reverse polarity protection
Frame Ground Protection	ESD, Surge, EFT, Hi-Pot
Required Supply Voltage	+10 VDC ~ +30 VDC
Power Consumption	4.8W(200mA@24VDC)
Mechanical	
Casing	Metal
Installation	DIN-Rail
Dimensions(W x L x H)	113 mm x 125 mm x 34 mm (W x L x H)
Environment	
Operating Temperature	-25°C to 75°C
Storage Temperature	-30°C to 80°C
Humidity	5 ~ 95% RH, non-condensing
GPS System	
Support Channel	72
Protocol Support	NMEA 0183

Outward Size(Unit: mm)



Ordering Information

GTP-541M-UDR	Intelligent 4G Remote Control Device with Inertial Navigation
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