



GTP-541M-UDR

Intelligent 4G Remote Control Device with Inertial Navigation

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,4Channel 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



Introduction

GTP-541M-UDR is an intelligent active 4G remote terminal equipment with inertial navigation. It can be used in M2M application field to transmit local I / O, Modbus device and GPS data through 4G / 3G / 2G according to the set fixed period. GTP-541M-UDR has excellent GPS positioning ability, and it can also record the moving path through inertial navigation in the position where GPS cannot receive the signal.

System Specifications

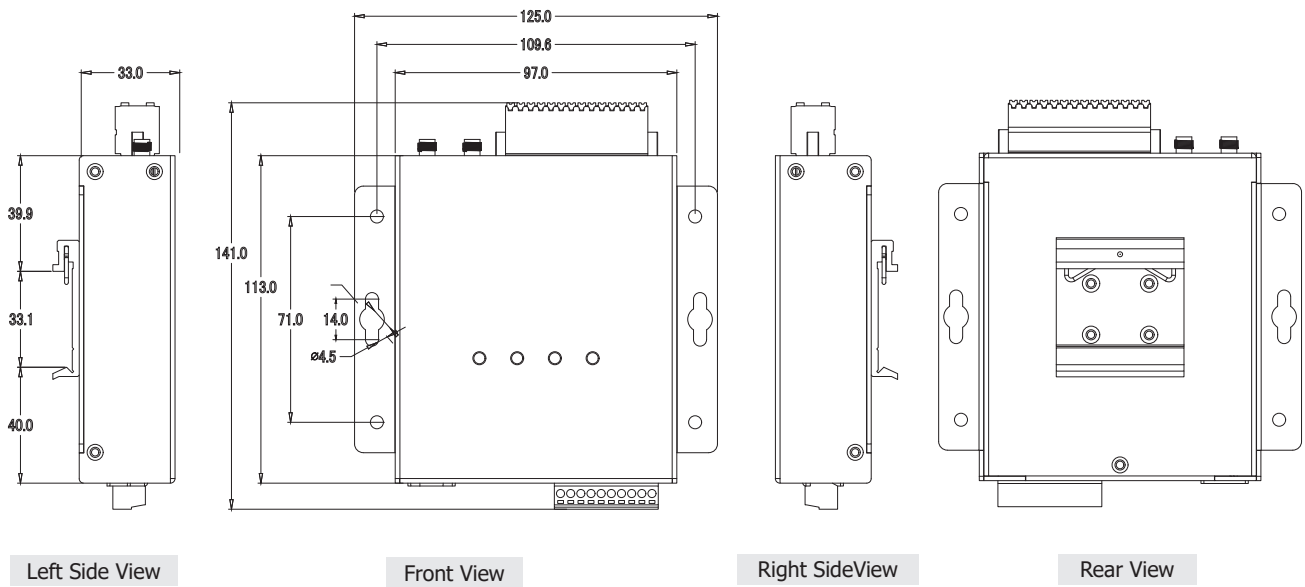
Model	GTP-541M-UDR
4G Interface	
Frequency Band	FDD LTE: B1/B3/B7/B8 TDD LTE: B38/B39/B40/B41
Power Class	Class 3(250mW@LTE)
3G Interface	
Frequency Band	WCAMA 900/2100MHz
Power Class	Class 3(250mW@WCDMA)
GSM Interface	
Frequency Band	GSM 900/1800MHz
Power Class	Class 4 (2W@900MHz) Class 1 (1W@1800MHz)
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)
GPS System	
Support Channel	72
Protocol Support	NMEA 0183

Model	GTP-541M-UDR
LED Indicators	
PWR	LED1: Red
4G	LED2: Green
STA	LED3: Orange
GPS	LED4: Green
Comm Interface	
COM1	1 x RS-232/485, Non-isolated
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 to 30VDC
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
Environment	
Operating Temperature	-25 o +75°C
Storage Temperature	-30 to +80°C
Humidity	5 ~ 95% RH, Non-condensing

Applications



Dimensions (Units: mm)



Ordering Information

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

ANT-421-05	5 dBi 4G External Antenna (Support 3G/4G)
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