Features

- Quad-band 2G Modem Operating of 850/900/1800/1900 MHz
- Virtual COM Extend Real COM Ports via GPRS
- Remote Configuration by Virtual COM
- 1 x RS-232 port and 1 x RS-485 port for Virtual COM. 1 x Utility port for Configuration
- Built-in Watch-dog Function
- Power Reverse Polarity Protection
- Power supply +10 V$_{DC}$ ~ +30 V$_{DC}$
- DIN-Rail mountable

GT-541
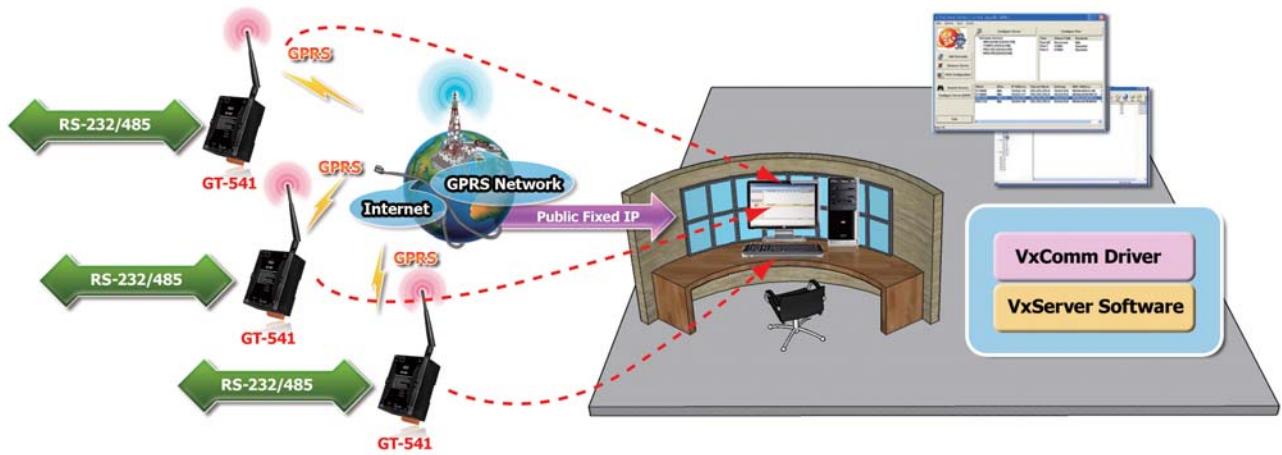## Intelligent Multiport Serial to GPRS Gateway

Introduction

GT-541 is an intelligent multiport serial to GPRS gateway for industry M2M applications. It is designed for linking RS-232/485 devices to a GPRS network. The user-friendly VxComm Driver/Utility and VxServer allow users to easily turn the built-in COM ports of the GT-541 into standard COM ports on a PC. By virtue of its protocol independence, a small-core OS and high flexibility, the GT-541 is able to meet the demands of every network-enabled application. M2M solution will improve the service quality and reduce operating costs. Many application areas can be improved by using GT-541.

Specifications

Models	GT-541
System	
CPU	32 bit
SRAM	32 Kbytes
Flash Memory	512 Kbytes
WDT	Yes
2G System	
Frequency Band	Quad-band: 850/900/1800/1900 MHz
Compliant with GSM Phase 2/2+	Class 4 (2 W @ 850/900 MHz); Class 1 (1 W @ 1800/1900 MHz)
Coding Schemes	CS 1, CS 2, CS 3, CS 4
Serial Ports	
Unility Port	RS-232: TxD, RxD, GND (use for device configuration and debug)
COM 1	RS-232: TxD, RxD, GND (use for communication with other devices)
COM 2	RS-485: D+, D- (use for communication with other devices)
Baud Rate	9600 bps ~ 115200 bps
Power	
Protection	Power reverse polarity protection
Frame Ground Protection	ESD, Surge, EFT, Hi-Pot
Required Supply Voltage	+10 VDC ~ +30 VDC
Mechanical	
Casing	Plastic
Flammability	UL 94V-0 materials
Dimensions (W x L x H)	91 mm x 132 mm x 52 mm
Installation	DIN-Rail
Environment	
Operating Temperature	-25 °C ~ +75 °C
Storage Temperature	-40 °C ~ +80 °C
Humidity	5% ~ 90% RH, Non-condensing

Applications

Appearance

Dimensions (Units: mm)

| Front View | Rear View | Bottom View | Left Side View | Right Side View |
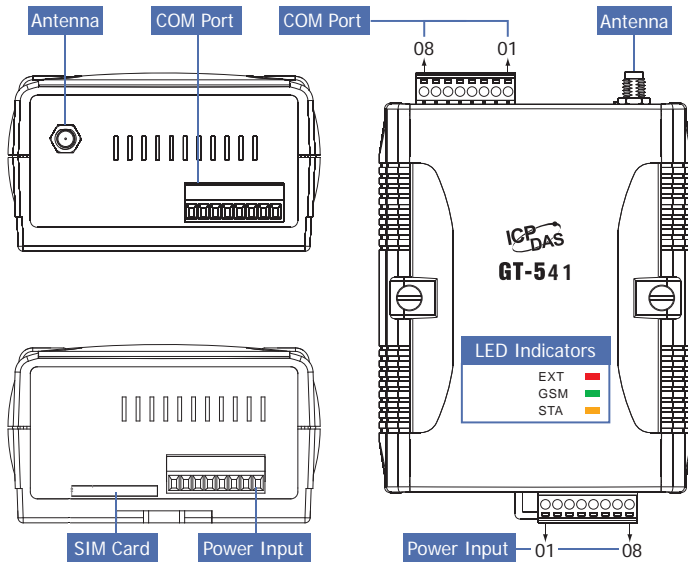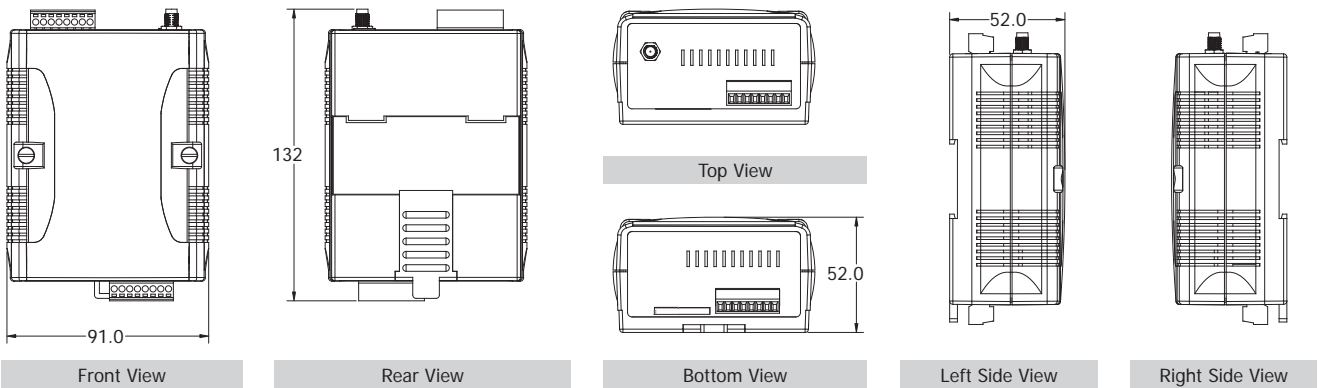
Ordering Information

| GT-541 | Intelligent Multiport Serial to GPRS Gateway |

Accessories

| ANT-421-01 | 3 m External GPRS/GSM Antenna |