

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

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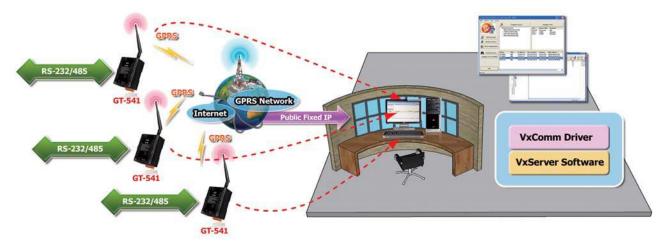
Intelligent 2G/3G Module

GI-54

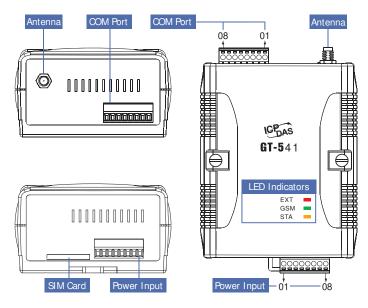
(ntelligent 2G/3G Module



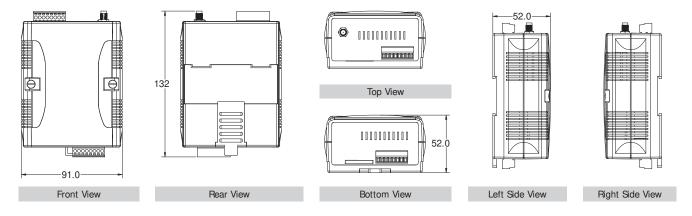
Applications .



Appearance _



■ Dimensions (Units: mm) _



Ordering Information .

GT-541 Intelligent Multiport Serial to GPRS Gateway

Accessories

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