GT-540/GT-540P FAQ

Tables of Content

Q01 : If user's SIM Card is needed PIN Code or PUK Code, how does the user do?3
Q02 : How many modes does GT-540/GT-540P have?
Q03: What is the difference between the GT-540 and GT-540P?
Q04 : What kind of information does user prepare about GPRS connection?
Q05 : How many maximum capacity of micro SD does the GT-540/GT-540P support?
Q06 : In RTU mode, the GT-540/GT-540P can not connect to remote server. How does
user do?
Q07 : If the STA of GT-540/GT-540P is always on, how does user do?
Q08 : If the counter function of GT-540/GT-540P is always error. How does user do?
Q09: Why dose the GT-540/GT-540P read Modbus device that always failed?7
Q10 : In RTU mode, the remote server is a domain name, not the IP address. How
does user do?8
Q11 : In E-mail mode, the GT-540/GT-540P can not send e-mail. How does user do?8

Q01 : If user's SIM Card is needed PIN Code or PUK Code, how does the user do?

A01 : When user uses the GT-540 Utility to login first time, the GT-540 utility will pop out a window that let user type PIN code or PUK code as below.

Note: STA LED director is flashing per 50 ms.

💀 Entry SIM PIN / SIM PUK	🔜 Entry SIM PIN / SIM PUK
Times Remain to Input SIM PIN : 3 Please Input SIM PIN Code :	Times Remain to Input SIM PUK : 10 Please Input SIM PUK Code : Please Input New SIM PIN Code :
ок	ОК

Q02 : How many modes does GT-540/GT-540P have?

A02 : The GT-540/GT-540P has 2 modes that RTU mode and E-mail mode.

- RTU mode: In this mode, GT-540 would transfer I/O data (local I/O, Modbus device and GPS data) to the M2M RTU center by GPRS connection periodically.
- E-Mail mode: Transfer I/O data by the e-mail attached file through GPRS connection periodically.

Q03: What is the difference between the GT-540 and GT-540P?

A03 : The biggest difference is that the GT-540P has GPS function. If user wants data that have coordinate or UTC time, user can select GT-540P.

Q04 : What kind of information does user prepare about GPRS connection?

A04: Here is what user needs:

- GPRS APN (Access point name) this is provided from your Telecom. CO., LTD.
- GPRS user name this is provided from your Telecom. CO., LTD.
- GPRS password this is provided from your Telecom. CO., LTD.

For example : AT&T Telecom. CO., LTD. in America

GPRS APN	wap.cingular
GPRS user name	WAP@CINGULARGPRS.COM
GPRS password	CINGULAR1

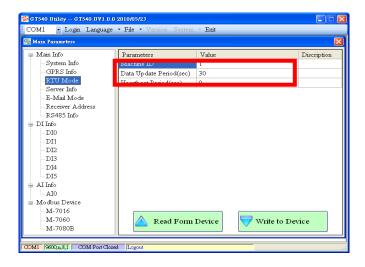
Parameters 3PS APN 3PS User name 3PS User Password	Value internet guest guest		Discription
GPS APN GPS User name	internet guest		Discription
	ead Form	Read Form Device	Read Form Device Write to De

Q05 : How many maximum capacity of micro SD does the GT-540/GT-540P support?

A05 : The GT-540/GT-540P supports maximum capacity of micro SD as 2 GB. (Data format: FAT16 or FAT32)

Q06 : In RTU mode, the GT-540/GT-540P can not connect to remote server. How does user do?

A06 : Please confirm the **Data Update Period** parameter. This parameter must be not the 0 When the **Data Update Period** parameter is 0, the GT-540/GT-540P will disable the RTU mode function.



Q07: If the STA of GT-540/GT-540P is always on, how does user do?

A07 : Please check SIM card, GSM Antenna or the GSM signal strength again.

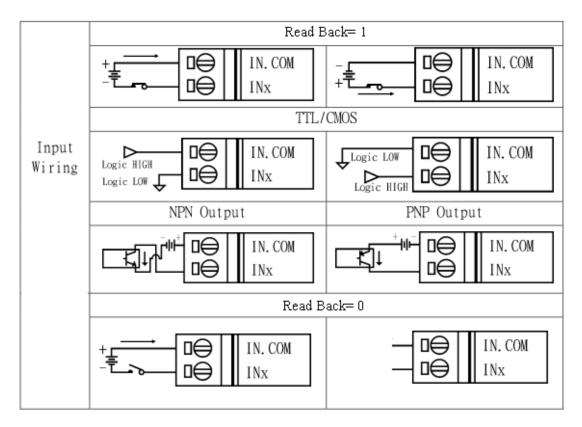


🌋 GT540 Utility GT-540.U¥1.0.0 2010/06/02	
COM1 - Login Language - File - Version System - Exit	
📰 Signal Quality	
65%	Device
	Time
	î
Read	Signal Quality
COM1 9600,n,8,1 COM Port Closed Please login to GT-540	

GT-540 Utility → Signal Quality

Q08 : If the counter function of GT-540/GT-540P is always error. How does user do?

A08: Check the wiring of DI channel, the frequency of counter is 5~40 Hz or the DI setting in Utility is set as counter.



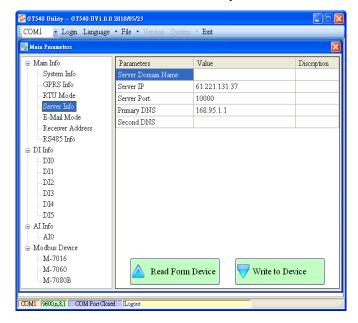
· DI Internal Structure:

Q09 : Why dose the GT-540/GT-540P read Modbus device that always failed?

A09 : Please confirm the ID of Modbus device, start address of Modbus device and baud rate.

Q10 : In RTU mode, the remote server is a domain name, not the IP address. How does user do?

A10 : Please type Server Domain Name and Primary DNS information.



Q11 : In E-mail mode, the GT-540/GT-540P can not send e-mail. How does user do?

- A11 : The GT-540/GT-540P supports two ways of authority to login e-mail server
 - · one: No authority
 - · auth-long: AUTH-LONG

Note: the GT-540/GT-540P does not support SSL authority.

🎉 GT540 Utility GT540.U¥1.0	1.0 2010/05/23		
COMI - Logout Langua	age • File • Version Syste	em • Exit	
🛞 Main Parameters			X
Main Info System Info -GPRS Info -GPRS Info -RTU Mode Server Info E-Mail Mode Receiver Address RS485 Info DI Info M Odbus Device	Parameters E-mail Authority Server User Name Server User Name E-mail Subject E-mail From Max size of one E-mail file Max size of one attached file Report Period(min) Report Base Time(hour)	Value none GT-540 Data Report 1200 0 0 0	Discription
	Report Base Time(min)	1 Device Write to D	evice