GT-531 FAQ

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Q01: How to send general alarm SMS?

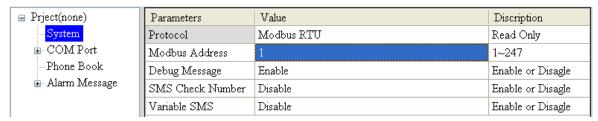
1. Setting the parameters by the GT-531 Utility

(1) New and name an "Example1.prj" project in the Utility.





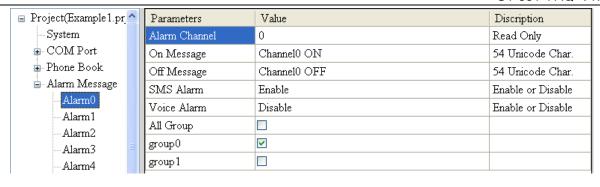
(2) Set the modbus address as 1. (The factory default address is 1)

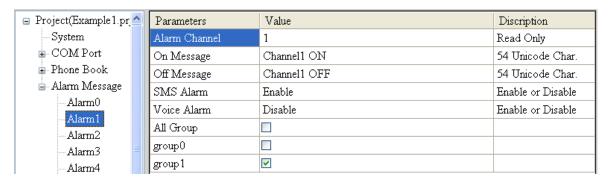


(3) Add 2 new phone groups and input phone numbers as follows:



(4) Set the Alarm Channel and Channel separately as follows:





(5) Connect to the GT-531 and download these parameters to it.



2. Modbus RTU commands

(1) Connect COM2 (RS-232) or COM3 (RS-485) of the GT-531 to the Host.



(2) Sending the Modbus commands from the Host to the GT-531 to transmit the alarm SMS as follows:

Commands and Description:

C 1	Sending Alarm SMS	Command	01 05 00 00 FF 00 8C 3A	
Commands	(Hex)	Response	01 05 00 00 FF 00 8C 3A	
	The GT-531 receives the Modbus command then sends the alarm message			
Description	The content of the alarm SMS is "On Message" of Alarm Channel0			
Description	message.			
	The alarm SMS would	send to the	e defined phone groups.	
Dagult	The phones defined in	the group(would receive the SMS. The content of	
Result	the SMS is "Channel0	ON"		

Command Format:

Send the alarm SMS				
	Byte 0	The Modbus Address of the GT-531		
	Byte 1	Function Code = $0x05$		
Command	Byte 2 ~ 3	Alarm Channel		
Command	Dyrto 4 5	=0xFF00, Sending the field content of "On Message".		
	Byte 4 ~ 5	=0x0000, Sending the field content of "Off Message".		
	Byte 6 ~ 7	CRC-16		
	Byte 0	The Modbus Address of the GT-531		
Correct	Byte 1	Function Code = $0x05$		
Response Byte 2 ~ 3		Alarm Channel		
	Byte 4 ~ 5	=0xFF00 or =0x0000		
	Byte 6 ~ 7	CRC-16		
	Byte 0	The Modbus Address of the GT-531		
Error	Byte 1	= 0x85		
	Dyrta 2	Error Code		
Response	Byte 2	06: Buffer overflow		
	Byte 3 ~ 4	CRC-16		

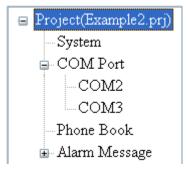
Q02: How to send variable alarm SMS

The alarm SMS includes the content defined in "Alarm Messages" (max 54 chars) and the content (max 16 chars) by Modbus command.

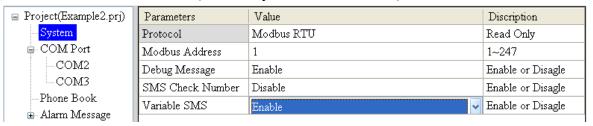
1. Setting the parameters by the GT-531 Utility

(1) New and name an "Example2.prj" project in the Utility.

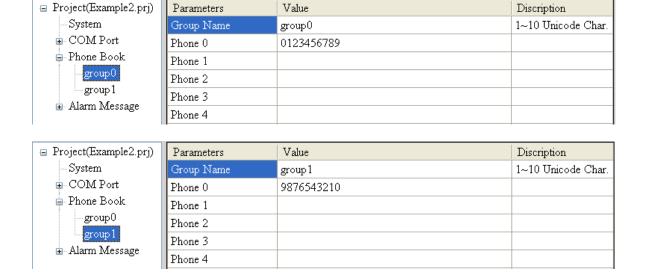




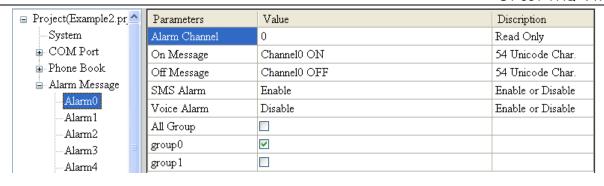
(2) Set the Modbus address as 1 (the factory default address is 1) and "Variable SMS" as enable.

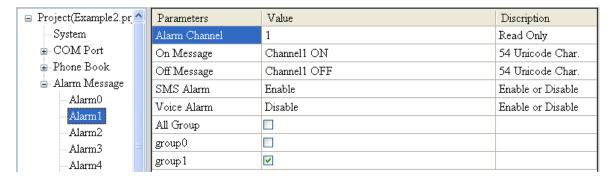


(3) Add 2 new phone groups and input phone numbers as follows:



(4) Set the Alarm Channel and Channel separately as follows:





(5) Connect to the GT-531 and download these parameters to the GT-531.



2. Modbus RTU Command

(1) Connect COM2 (RS-232) or COM3 (RS-485) of the GT-531 to the Host.



(2) The host needs to send the SMS content command to define the variable part of the alarm SMS first. Then, send the transmitting SMS command.

Commands and Description:

	•		
	Setting the variable	Command	01 10 01 7F 00 06 0C 2B 00 56 00 53
			00 4D 00 53 00 00 00 E7 DD
Command	SMS content	Response	01 10 01 7F 00 06 702F
	Transmitting the SMS	Command	01 05 00 01 FF 00 DD FA
	Transmitting the SMS	Response	01 05 00 01 FF 00 DD FA
	Set the variable SMS content as "+VSMS". Send the SMS. The content of the SMS is the "On Message" field of Alarm Channel1 and the variable content. Transmitting the SMS to the phones of group1		
Result	The phone numbers in group1 would receive the SMS. The content of the SMS is "Channel1 ON+VSMS".		

Format Description:

Torride Description				
Setting the variable SMS content				
	Byte 0	The Modbus Address of the GT-531		
	Byte 1	Function Code = 16		
	Byte 2 ~ 3	The start address of the variable content of the SMS		
	Durto 4 5	Register Count: The quantity of the SMS content (The		
	Byte 4 ~ 5	max is 16 chars)		
Command	Byte 6	Byte Count (Register Count x 2)		
		Variable SMS Content (Unicode): In this example, it is		
		"+VSMS" messages and the end char is 0x0000. If the		
		quantity is 16, it needs not the end char.		
	Byte19 ~ 20	CRC-16 check code		
	Byte 0	The Modbus Address of the GT-531		
	Byte 1	Function Code = $16 (0x10)$		
Correct	Byte 2 ~ 3	The start address of the variable content of the SMS		
Response	Byte 4 ~ 5	Register Count: The quantity of the SMS content (The		
Response		max is 16 chars)		
	Byte 6 ~ 7	CRC-16 check code		

	Byte 0	The Modbus Address of the GT-531
Emon	Byte 1	= 0x90
Error	Byte 2	Error Code
Response		02: Format error
	Byte 3 ~ 4	CRC-16 check code

Sending the SMS				
	Byte 0	The Modbus Address of the GT-531		
	Byte 1	Function Code = $0x05$		
Command	Byte 2 ~ 3	Alarm Channel		
Command	Byte 4 ~ 5	=0xFF00, Sending the field content of "On Message"		
	Dyte 4 ~ 3	=0x0000, Sending the field content of "Off Message"		
	Byte 6 ~ 7	CRC-16 check code		
	Byte 0	The Modbus Address of the GT-531		
Correct	Byte 1	Function Code = $0x05$		
Response	Byte 2 ~ 3	Alarm Channel		
	Byte 4 ~ 5	=0xFF00 或 =0x0000		
	Byte 6 ~ 7	CRC-16 check code		
	Byte 0	The Modbus Address of the GT-531		
Erro	Byte 1	=0x85		
	Byte 2	Error Code		
Response		06: Buffer overflow		
	Byte 3 ~ 4	CRC-16 check code		

Q03: How to send the alarm SMS dynamically?

This example is shown how to send the variable SMS to the variable phones by modbus commands. The max chars of the variable SMS is 70 Unicode.

For sending the variable SMS, it is not needed to be set by the GT-531 Utility. This function can be finished by Modbus commands as follows.

(1) Connect to COM2(RS-232) or COM3(RS-485) of the GT-531 to the Host PC.



(2) The host sends the Modbus commands to the GT-531 to set the content of the SMS and phone number first. Then, send the command to transmit the SMS.

Commands and Description:

	Setting the phone number	Command	01 10 01 D5 00 06 0C 30 31 32 33		
		Communa	34 35 36 37 38 39 00 00 D5 2B		
	(Hex)	Response	01 10 01 D5 00 06 50 0F		
			01 10 01 8F 00 0C 18 44 00 79 00		
Command	Setting the SMS content	Command	6E 00 61 00 6D 00 69 00 63 00 20		
	(Hex)		00 53 00 4D 00 53 00 00 00 AC 3B		
		Response	01 10 01 8F 00 0C F0 1B		
	Sending the SMS	Command	01 05 00 80 FF 00 8D D2		
	(Hex)	Response	01 05 00 80 FF 00 8D D2		
Description	1. The phone number: 01	23456789			
	2. The content of the SMS: Dynamic SMS				
	3. Transmitting the SMS				
Dagult	The phone number "0123456789" would receive the "Dynamic SMS"				
Result	SMS.				

Format Description:

Setting the variable phone number				
	Byte 0	The Modbus Address of the GT-531		
	Byte 1	Function Code = $16 (0x10)$		
	Byte 2 ~ 3	The start address of the phone number		
	Byte 4 ~ 5	Register Count: The register size of the phone number		
Command	Byte 6	Byte Count(Register Counter x 2)		
		The phone number (ASCII code). The end char is		
	Byte7 ~ 18	0x00. If the number size is 20, it is needed not the end		
		char.		
	Byte 19 ~ 20	CRC-16 check code		
	Byte 0	The Modbus Address of the GT-531		
Correct	Byte 1	Function Code = $16 (0x10)$		
response	Byte 2 ~ 3	The start address of the phone number		
response	Byte 4 ~ 5	Register Count: The register size of the phone number		
	Byte 6 ~ 7	CRC-16 check code		
	Byte 0	The Modbus Address of the GT-531		
Error response	Byte 1	= 0x90		
Enor response		Error Code		
	Byte 2	02: The GT-531 is sending the SMS. The phone		
		number is unchangeable.		
	Byte 3 ~ 4	CRC-16 check code		

Setting the content of the SMS				
	Byte 0	The Modbus Address of the GT-531		
	Byte 1	Function Code = $16 (0x10)$		
	Byte 2 ~ 3	The start address of the sent SMS		
	Dyto 4 5	Register Count: The size of the SMS. The max is 70		
	Byte 4 ~ 5	Unicode.		
Command	Byte 6	Byte Count(Register Counter x 2)		
		The content of the SMS (Unicode code). The end char		
	Byte7 ~ 30	is 0x0000. If the size of the SMS is 70, it is not needed		
		the end char.		
	Byte 31 ~ 32	CRC-16 check code		
Correct Response	Byte 0	The Modbus Address of the GT-531		
	Byte 1	Function Code = $16 (0x10)$		
	Byte 2 ~ 3	The start address of the sent SMS		

	Byte 4 ~ 5	Register Count: The size of the SMS. The max is 70
	Byte 4 ~ 3	Unicode.
	Byte 6 ~ 7	CRC-16 check code
	Byte 0	The Modbus Address of the GT-531
Error	Byte 1	= 0x90
Response		Error Code
	Byte 2	02: The GT-531 is sending the SMS. The content of the
		SMS is unchangeable.
	Byte 3 ~ 4	CRC-16 check code

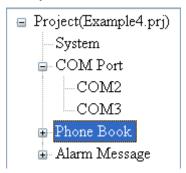
Sending the S	SMS			
	Byte 0	The Modbus Address of the GT-531		
	Byte 1	Function Code = $0x05$		
Command	Byte 2 ~ 3	= 0x0080		
	Byte 4 ~ 5	= 0xFF00		
	Byte 6 ~ 7	CRC-16 check code		
	Byte 0	The Modbus Address of the GT-531		
	Byte 1	Function Code = $0x05$		
Correct	Byte 2 ~ 3	= 0x0080		
Response	Byte 4 ~ 5	= 0xFF00		
	Byte 6 ~ 7	CRC-16 check code		
	Byte 0	The Modbus Address of the GT-531		
Error Response	Byte 1	= 0x85		
	Dyrta 2	Error Code:		
	Byte 2	06: Sending buffer overflow or the SMS is sending		
	Byte 3 ~ 4	CRC-16 check code		

Q04: How to send the alarm voice?

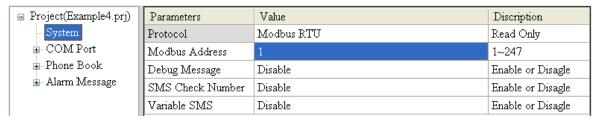
1. Setting the parameters by the GT-531 Utility

(1) New and name an "Example4.prj" project in the Utility.

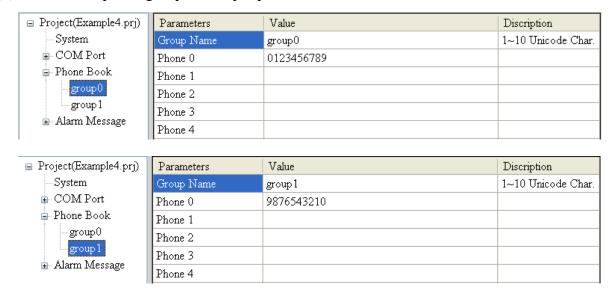




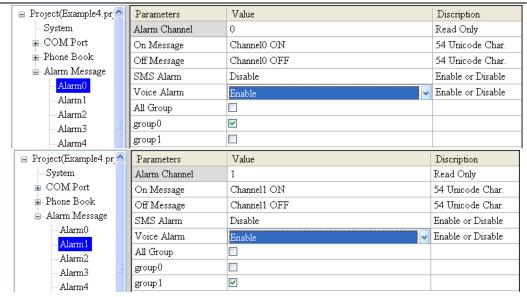
(2) Set the modbus address as 1 (the factory default address is 1).



(3) Add 2 new phone groups and input phone numbers as follows:



(4) Set the "Voice Alarm" fields as enable in Alarm Channel and Alarm Channel as follows.



(5) Connect to the GT-531 and download these parameters to the GT-531.



(6) Select the "System->Voice File Management" to download or confirm the voice files of the Alarm0 ON/OFF and Alarm1 ON/OFF are in the SD card.

	Channel	Value	Existed	File at Device	File on PC	Browse	Download	Delete
	Alarm0	ON	V	DOO_ON.WAV	E:\GT-5xx\GT-534\sound\VDI0.WAV		4	
		OFF	~	DOO_OFF.WAV	E:\GT-5xx\GT-534\sound\VDII.WAV		4	
	Alarm1	ON	~	DO1_ON.WAV	E:\GT-5xx\GT-534\sound\VD12.WAV		4	
)		OFF	~	DO1_OFF.WAV	E:\GT-5xx\GT-534\sound\VDB.WAV	<u>=</u>	÷	
	Alarm2	ON		DO2_ON.WAV			4	
		OFF		DO2_OFF.WAV			4	

2. Modbus RTU command

(1) Connect to COM2(RS-232) or COM3(RS-485) of the GT-531 by RS-232 or RS-485 of the Host.



HMI, PLC, PAC

(2) The host sends the Modbus command to transmit the voice alarm from the GT-531.

Command and Description:

Command	Sending the voice alarm	Command	01 05 00 00 FF 00 8C 3A		
Command	(16 Hex)	Response	01 05 00 00 FF 00 8C 3A		
	As the GT-531 receives the command, it would sent the voice alarm. If the				
Description	"SMS Alarm" is set as enable, the SMS would be sent.				
Description	The voice file is DO0_ON.WAV.				
	The voice is sent to the phones in the group0.				
D 1	The phones in Group0 would receive the voice call from the GT-531. As				
Result	take the call, you would heart the alarm voice in DO0_ON.WAV.				

Format Description:

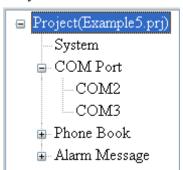
Sending the voi	ice alarm			
	Byte 0	The Modbus Address of the GT-531		
	Byte 1	Function Code = $0x05$		
	Byte 2 ~ 3	Alarm Channel		
Command		=0xFF00, To play DOx_ON.WAV file. The x is the number		
Command	Dyto 4 5	of Alarm channel.		
	Byte 4 ~ 5	=0x0000, To play DOx_OFF.WAV file. The x is the number		
		of Alarm channel.		
	Byte 6 ~ 7	CRC-16 check code		
	Byte 0	The Modbus Address of the GT-531		
	Byte 1	Function Code = $0x05$		
Correct	Byte 2 ~ 3	Alarm Channle		
Response	Byte 4 ~ 5	=0xFF00 or =0x0000		
	Byte 6 ~ 7	CRC-16 check code		
	Byte 0	The Modbus Address of the GT-531		
Error	Byte 1	=0x85		
	Dysto 2	Error Code		
Response	Byte 2	06: Transmitting Buffer overflow		
	Byte 3 ~ 4	CRC-16 check code		

Q05: How to Receiving the SMS?

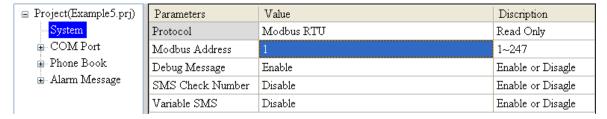
1. Setting the parameters by the GT-531 Utility

(1) New and name an "Example5.prj" project in the Utility.

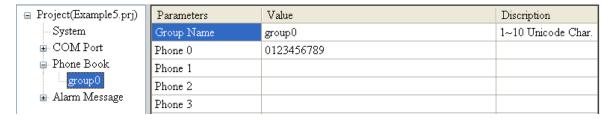




(2) Set the modbus address as 1 (the factory default address is 1).



(3) Add a new phone group and input phone numbers above. The GT-531 is built-in the phone filter. The SMS would be received according to the defined phone numbers.



(4) Connect to the GT-531 and download these parameters to the GT-531.



2. Modbus RTU commands

(1) Connect to COM2(RS-232) or COM3(RS-485) of the GT-531 to the Host.



(2) The host can send the Modbus command periodically to inquire the GT-531 whether has received the SMS. If the GT-531 has received the SMS, you can send the command to read it.

Command and Description:

	Checking the	command	01 02 00 01 00 01 E8 0A	
		Command		
	received SMS	Response	01 02 01 00 A1 88 (No SMS)	
	(Hex)	1	01 02 01 01 60 48 (Receiving the SMS)	
	Reading the phone	command	01 04 00 1E 00 0A 10 0B	
	number of the		01 04 14 38 38 36 39 32 38 37 36 36 35	
	received SMS	Response	30 37 00 00 00 00 00 00 00 00 B6 6E	
Command	(Hex)			
	Reading the date of	command	01 04 00 28 00 07 31 C0	
	the received SMS	Response	01 04 0E 32 30 31 31 30 34 32 32 30 39	
	(Hex)	Response	35 35 33 31 3D 79	
	Reading the	command	01 04 00 2F 00 51 00 3F	
	content of the		01 04 A2 00 00 48 65 6C 6C 6F 2C 47 54	
	received SMS	Response	2D 35 33 31 21 00 00 00(Size is	
	(Hex)		162 Bytes)	
Description	The phone of Group	s transmits	the SMS to the GT-531. The SMS is	
	"Hello,GT-531!".			
	To inquire the GT-53	31 whether	has received the SMS periodically.	
	If the GT-531 has re	ceived the	SMS, send the command to read the phone	
	number, date and	the SMS.	-	
	Because these addre	sses of thes	se information are continuous, you can send	
	one command to	read that.		
	The phone of transm	nitting SMS	5 : 886928766507	
Result	Date: 20110422095531(2011/04/22/09:55:31)			
	The SMS: Hello,G	T-531!		
		- :		

Format Description:

Inquiring the GT	C-531 whether ha	s received the SMS	
	Byte 0	The Modbus Address of the GT-531	
	Byte 1	Function Code = 2	
Command	Dysto 2 2	The address to indicate whether the GT-531 has	
Command	Byte 2 ~ 3	received the SMS	
	Byte 4 ~ 5	Bit Count , 1 bit	
	Byte 6 ~ 7	CRC-16 check code	
	Byte 0	The Modbus Address of the GT-531	
	Byte 1	Function Code = 2	
Correct	Byte 2	Byte Count, (The size of Data)	
	D-4- 2	= 0, No SMS	
response	Byte 3	= 1, Having received the SMS	
	Byte 4 ~ 5	CRC-16 check code	
	Byte 0	The Modbus Address of the GT-531	
	Byte 1	= 0x82	
Error response	Byte 2	Error Code	
	Byte 2	02: Error format	
	Byte 3 ~ 4	CRC-16 check code	

Reading the pho	one number of th	e received SMS	
	Byte 0	The Modbus Address of the GT-531	
	Byte 1	Function Code = 4	
Command	Byte 2 ~ 3	The data address of the sending phone number	
Command	Byte 4 ~ 5	Register Count (The inquired count of register. It is	
	Byte 4 ~ 3	fixed as 10(0x0A)	
	Byte 6 ~ 7	CRC-16 check code	
	Byte 0	The Modbus Address of the GT-531	
	Byte 1	Function Code = 4	
Correct	Byte 2	Byte Count	
	Byte 3 ~ 22	The sending phone number (ASCII coed, 0x00 is the	
Response		end char)	
	Byte 23 ~ 24	CRC-16 check code	
	Byte 0	The Modbus Address of the GT-531	
Error	Byte 1	=0x84	
	Dryto 2	Error Code	
Response	Byte 2	02: Error format	
	Byte 3 ~ 4	CRC-16 check code	

Reading the dat	e of the SMS		
	Byte 0	The Modbus Address of the GT-531	
	Byte 1	Function Code = 4	
Command	Byte 2 ~ 3	The data address of the received SMS date	
Command	Byte 4 ~ 5	Register Count (The inquired count of register. It is	
	Dyte 4 ~ 3	fixed as 7(0x07)	
	Byte 6 ~ 7	CRC-16 check code	
	Byte 0	The Modbus Address of the GT-531	
	Byte 1	Function Code = 4	
Correct	Byte 2	Byte Count	
Response	Byte 3 ~ 16	Date and Time (ASCII code, yyyyMMddHHmmss)	
	Byte 17 ~ 18	CRC-16 check code	
	Byte 0	The Modbus Address of the GT-531	
Error	Byte 1	= 0x84	
Response	Byte 2	Error Code:	
Response	Dyte 2	06: Error format	
	Byte 3 ~ 4	CRC-16 check code	

Reading the SM	ИS		
	Byte 0	The Modbus Address of the GT-531	
	Byte 1	Function Code = 4	
	Byte 2 ~ 3	The address of the received SMS content	
Command	Byte 4 ~ 5	Register Count (The inquired count of register. It is	
	Byte 4 ~ 3	fixed as 81(0x51)	
	Byte 6 ~ 7	CRC-16 check code	
	Byte 0	The Modbus Address of the GT-531	
	Byte 1	Function Code = 4	
	Byte 2	Byte Count	
Correct	Byte 3 ~ 4	=0x0000, The data is ASCII code.	
Response	Byte 3 ~ 4	=0x0001, The data is Unicode code.	
	Byte 5 ~ 164	The SMS content. The end char is 0x00 if the data is	
	Byte 5 ~ 104	ASCII code. If the end char is 0x0000, it is Unicode.	
	Byte 165 ~ 166	CRC-16 check code	

	Byte 0	The Modbus Address of the GT-531
Еннон	Byte 1	= 0x84
Error	Desta 2	Error Code:
Response	Byte 2	02: Error format
	Byte 3 ~ 4	CRC-16 check code

Q06: If the System led (STA) is always on, how dose user do?

A06:

- (1) Check SIM card.
- (2) Check Antenna.
- (3) Check the GSM signal strength.

Q07: What to do if SMS DBS could not received the SMS from GT-531?

A07: User must add "ALARM;" to the start of the short message.

Q08: What to do if user can not hear the voice alarm form GT-531?

A08: Confirm the SD card is normal and the voice file is in it.

Q09: What type of voice file does GT-531 support?

A09 : GT-531 only support WAV file and following file format needed.

File type	*.Wav
Audio type	PCM
Data bit	16 bits
Channel	Single track
Sample rate	8 kHz,11 kHz

Q10: If GT-531 is not replied by modbus command, how does user do?

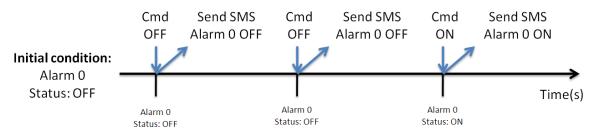
A10:

- (1) Confirm the wire connection.
- (2) Confirm the Modbus ID of the GT-531.
- (3) Confirm the COM port configuration.

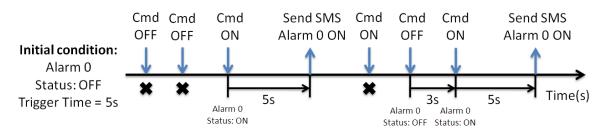
Q11: What is the different between Level Trigger and Edge Trigger modes?

A11:

(1) Level Trigger mode: The SMS will be sent when GT-531 receive command.



(2) Edge Trigger mode: When the alarm status change, the SMS will be sent.



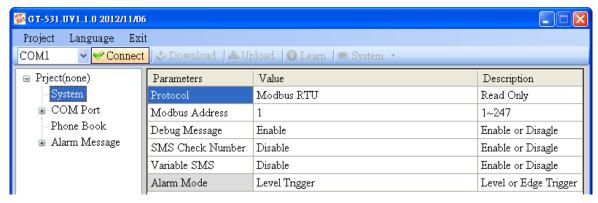
Q12: Can I use Trigger Time on Level Trigger mode?

A12: Trigger Time only support Edge Trigger mode.

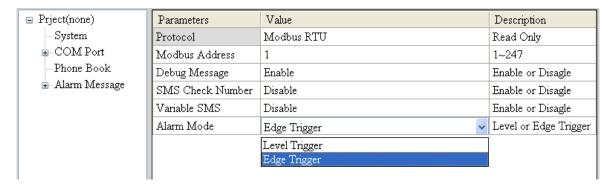
Q13: How to send the general alarm SMS on Edge Trigger mode?

1. Setting the parameters by the GT-531 Utility

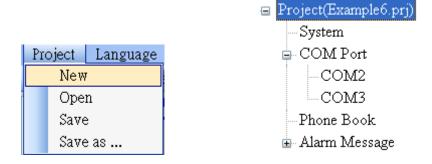
(1) Connect to the GT-531. The Alarm Mode field will be enabled.



(2) Choose the edge trigger mode.



(3) New and name an "Example6.prj" project in the Utility.



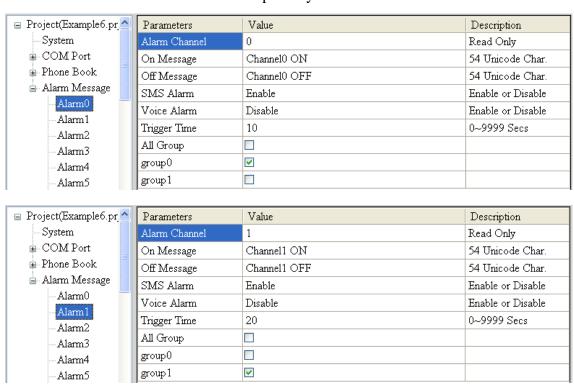
(4) Set the modbus address as 1. (The factory default address is 1)

☐ Project(Example6.prj)	Parameters	Value	Description
<mark>System</mark>	Protocol	Modbus RTU	Read Only
⊕ COM Port	Modbus Address	1	1~247
Phone Book	Debug Message	Enable	Enable or Disagle
🖶 Alarm Message	SMS Check Number	Disable	Enable or Disagle
	Variable SMS	Disable	Enable or Disagle
	Alarm Mode	Edge Trigger	Level or Edge Trigger

(5) Add 2 new phone groups and input phone numbers as follows:

⊕ Project(Example6.prj)	Parameters	Value	Description
System	Group Name	group0	1~10 Unicode Char.
⊕ COM Port	Phone 0	0123456789	
Phone Book	Phone 1		
group0	Phone 2		
group 1	Phone 3		
🖮 Alarm Message	Phone 4		
			·
☐ Project(Example6.prj)	Parameters	Value	Description
■ Project(Example6.prj)— System	Parameters Group Name	Value group1	Description 1~10 Unicode Char.
System COM Port Phone Book	Group Name	group1	
System COM Port Phone Book group0	Group Name Phone 0	group1	
System COM Port Phone Book group0	Group Name Phone 0 Phone 1	group1	
System COM Port Phone Book group0	Group Name Phone 0 Phone 1 Phone 2	group1	

(6) Set the Alarm Channel0 and Channel1 separately as follows:



(7) Connect to the GT-531 and download these parameters to it.



2. Modbus RTU commands

(1) Connect COM2 (RS-232) or COM3 (RS-485) of the GT-531 to the Host.



(2) Sending the Modbus commands from the Host to the GT-531 to transmit the alarm SMS as follows:

Commands and Description:

Commands	Sending Alarm SMS	Command	01 05 00 00 FF 00 8C 3A	
	(Hex)	Response	01 05 00 00 FF 00 8C 3A	
Description	The GT-531 receives the Modbus command then sends the alarm message.			
	The content of the alarm SMS is "On Message" of Alarm Channel0			
	message.			
	The alarm SMS would send to the defined phone groups.			
Result	The phones defined in the group0 would receive the SMS after 10 secs.			
	The content of the SMS is "Channel0 ON"			

Command Format:

Send the ala	arm SMS		
Command	Byte 0	The Modbus Address of the GT-531	
	Byte 1	Function Code = $0x05$	
	Byte 2 ~ 3	Alarm Channel	
	Byte 4 ~ 5	=0xFF00, Sending the field content of "On Message".	
		=0x0000, Sending the field content of "Off Message".	
	Byte 6 ~ 7	CRC-16	
Correct Response	Byte 0	The Modbus Address of the GT-531	
	Byte 1	Function Code = $0x05$	
	Byte 2 ~ 3	Alarm Channel	
	Byte 4 ~ 5	=0xFF00 or =0x0000	
	Byte 6 ~ 7	CRC-16	
Error Response	Byte 0	The Modbus Address of the GT-531	
	Byte 1	=0x85	
	Byte 2	Error Code	
		06: Buffer overflow	
		13: Alarm status are the same (EX: Original status is ON, want	
		to change the status to ON)	
	Byte 3 ~ 4	CRC-16	

Q14: Why can't I read signal strength from GT-531 utility?

A14:

- (1) Check the telecommunication company is using the GSM system.
- (2) Before GT-531 utility is connected to the GT-531, please confirm the STA LED is blanking per 1 sec.

Q15: Can I use text editor to edit .prj file that is saved from GT-531 utility?

A15: The .prj file is only edited by GT-531 utility.

Q16: Why the voice alarm has serious noise?

A16: Check the format of .wav file is 8k Hz or 11k Hz sample rate.

Q17: What to do if I use SMS-DBS to receive SMS from GT-531?

A17:

(1) SMS Check Number that is the system parameter of GT-531 must enable.

(2) Add "ALARM;" to the start of the short message.

Q18: When I use edge trigger mode and trigger GT-531 to send SMS by Modbus command, I got the error response "0x01 0x85 0x13 0x03 0x5D".

A18 : Error code 0x13 means alarm status are the same. (Example: Original status is ON, want to change the status to ON)

Q19: Why GT-531 has received SMS but I can't read it by Modbus command?

A19 : GT-531 has built-in phone filter. The SMS would be received according to the defined phone numbers.