

SERA

Software for configuration and testing of GSM alarm system in Microsoft Windows environment

User's guide

File Edit Setup Devices Update Help Control Configuration Configuration Main window GSM Communications GSM Communication
GT auto Configuration Main window GSM Communications GSM Communications GSM Communications GSM Renote Control Udputs Inputs Service SMS Text User password: Test time 24 h Reset test counter after arming Lock/Unlock Mode 1 (V+ Pulse using Lock and Unlock inputs) Entry Delay 20 s Siren time 120 s Siren signal on ARM/DISARM Auto - reARM
GSM Communications GSM Alarm Pager-Remote Controler Utputs Inputs Inputs Installer password: Service SMS Text (6 symbols) Custom SMS Text User password: Lock/Unlock Mode 1 (V+ Pulse using Lock and Unlock inputs) Entry Delay 20 s Exit Delay 20 s Siren time 120 s Siren time 120 s
Inputs Installer password: [6 symbols] Hardware details Service SMS Text User password: [6 symbols] HW: Custom SMS Text User password: [6 symbols] HW: Testing and Diagnostic Test time 24 h Reset test counter after arming Boot: Lock/Unlock Mode1 (V+ Pulse using Lock and Unlock inputs) SW: SW: Entry Delay 20 s Siren time 120 s Siren signal on ARM/DISARM Siren time 120 s Instruction of the sires Auto-reARM
Custom SMS Text User password: [6 symbols] HW: Testing and Diagnostic Test time 24 h Reset test counter after arming Boot: Lock/Unlock Mode 1 (V+ Pulse using Lock and Unlock inputs) Image: Control of the symbol of th
Lock/Unlock Model (V+ Pulse using Lock and Unlock inputs) Sw: Entry Delay 20 s Exit Delay 20 s Siren time 120 s Feitigs Auto-reARM
Entry Delay 20 s Exit Delay 20 s Siren time 120 s For time 120 s
COM16 is opened\0x00\0x00

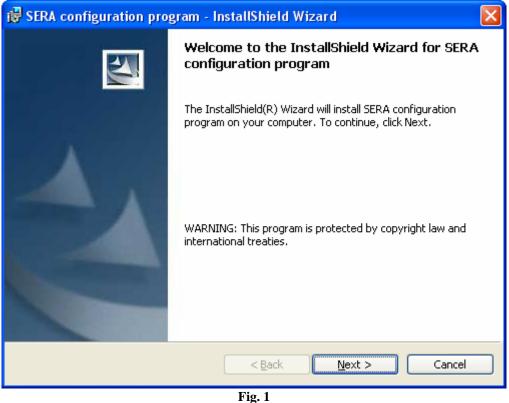


Content

1.	Ins	tallation of SERA software	2
2.	Ins	tallation of USB drivers (if a programming cable with USB terminal is used)	4
3.		ection of COM port	
4.		nnection of the GTAUTO module to your PC	
5.	Wo	ork with the software SERA	
	5.1.	Content of module's configuration	
4	5.2.	Main Window of the software SERA	
	5.3.	Window "GSM communication options"	
4	5.4.	Window "GSM remote control"	
4	5.5.	Langas "Outputs"	
	5.6.	Window "Inputs"	
4	5.7.	Window "Service text summary"	
	5.8.	Window "Text summary"	
	5.9.	Window "Testing and Diagnostic window"	
6.	Sav	ving of GTAUTO module configuration into PC	
7.		talling of saved configuration into the module GTAUTO	
8.		dating of GTAUTO software version	

1. Installation of SERA software

Open the folder containing installation of the software SERA. Click the file "SERA setup.exe"from the mentioned folder.



In the displayed Window press [Next>].

🔀 SERA co	onfiguration program - InstallShield Wizard 🛛 🛛 🔀	J
Destinati Click Ne×	on Folder kt to install to this folder, or click Change to install to a different folder.	A REPORT OF A R
	Install SERA configuration program to: C:\Program Files\topkodas\SERA\	
InstallShield –	< <u>B</u> ack <u>N</u> ext > Cancel	1

Fig. 2 Installation directory will be displayed in the Window (Fig. 2). If installation directory of the software is OK press "Next". If you would like to install the software in the other directory press [Change], specify other installation directory and then press "Next>".

🔀 SERA configuration program - InstallShield Wizard		
Ready to Install the Program The wizard is ready to begin installation.		
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard. Current Settings:	I	
Setup Type:		
Destination Folder: C:\Program Files\topkodas\SERA\		
User Information: Name: D Company:		
InstallShield <u>Annal Cancel</u> Cancel		
Fig. 3		

Check if the correct data are entered and press "Install" in the displayed Window (Fig. 3).

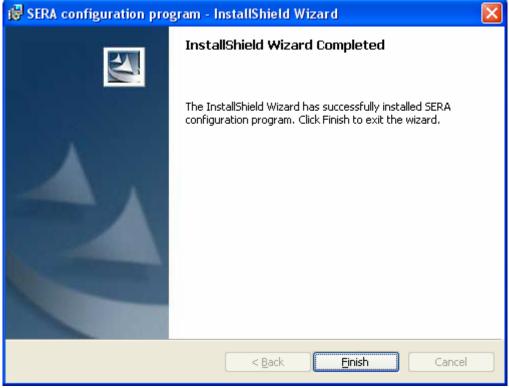


Fig. 4

After successful installation of the software SERA, press [Finish] in the displayed Window (Fig. 4).

Congratulations, you successfully installed the application SERA in your PC.

2. Installation of USB drivers (if a programming cable with USB terminal is used).

*SKIP THIS INFO IF PROGRAMMING CABLE WITH RS232 CONNECTOR IS USED.

In order to configure GTAUTO via USB interface it is necessary to install USB VIRTUAL DRIVER package. This package can be found together with SERA installation (file "CDM 2.02.04 WHQL Certified.zip" or later). Firstly open the file "CDM 2.02.04 WHQL Certified.zip" and extract it into any directory. You may also use CDM 2.04.06.exe (this application will automatically install the driver into your PC).

After connection of USB cable (the module must be supplied with + 12V) to the PC via USB interface the Window (Fig. No 5) will be displayed. It means that OS Windows prompts to install driver "FT232R USB UART". In order to successfully install this driver follow instructions of installation.

• Installation of FT232R USB UART driver

Found New Hardware Wizard		
Found New Hardware Wiz	Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy Can Windows connect to Windows Update to search for software? Yes, this time only Yes, now and givery time I connect a device No, not this time	
	Click Next to continue.	
	< <u>B</u> ack <u>N</u> ext > Cancel	

Fig. 5

Select ["No, not this time"] in the displayed Window (Fig. 5) and press ["Next>"].

Found New Hardware Wizard		
	This wizard helps you install software for: FT232R USB UART If your hardware came with an installation CD or floppy disk, insert it now. What do you want the wizard to do? Install the software automatically (Recommended) Install from a list or specific location (Advanced) Click Next to continue.	
	< <u>B</u> ack <u>N</u> ext > Cancel	
	Fig. 6	

Select "Install from a list or specific location (Advanced)" and press "Next>" in the displayed Window (Fig. 6).

Found New Hardware Wizard		
Please choose your search and installation options.		
⊙ Search for the best driver in these locations.		
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.		
Search removable media (floppy, CD-ROM)		
✓ Include this location in the search:		
C:\CDM 2.02.04 WHQL Certified Browse Browse		
O Don't search. I will choose the driver to install.		
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.		
< <u>B</u> ack <u>N</u> ext > Cancel		
Fig. 7		

Select "Search for the best driver in these locations"in the Window (Fig. 7) and check box "Include this location in the search:", select "Browse" and to indicate directory, where the file "CDM 2.02.04 WHQL Certified.zip" has been extracted. Press "Next>".

Found New Hardware Wizard		
	Completing the Found New Hardware Wizard The wizard has finished installing the software for: USB Serial Converter	
	Click Finish to close the wizard.	
	Eta 0	

Fig. 8

Displayed Window (Fig. 8) means that your PC has found file necessary for driver's installation and successfully installed it. Press "Finish"Installation of FT232R USB UART driver has been finished.

Attention! If Window is not displayed (Fig. 8) it means that file necessary for installation has not been found. Ensure whether path towards directory of extracted "CDM 2.02.04 WHQL Certified.zip" file specified in Window (fig.7) is correct. Press "<Back" to return to Window (fig.7) and ensure whether directory of extracted file "CDM 2.02.04 WHQL Certified.zip" is specified corrected.

Immediately after successful installation of driver "FT232R USB UART" Window (Fig. 9) will be displayed. It means that OS Windows prompts to install driver "USB Serial Port". In order to successfully install this driver follow instructions of installation.

Installation of USB Serial Port driver



Fig. 9

Select "No, not this time" in the displayed Window (Fig. 9) and press "Next>".

Found New Hardware Wizard		
	This wizard helps you install software for: USB Serial Port If your hardware came with an installation CD or floppy disk, insert it now. What do you want the wizard to do? Install the software automatically (Recommended) Install from a list or specific location (Advanced) Click Next to continue.	
< <u>B</u> ack <u>N</u> ext > Cancel		
	Fig. 10	

Select "Install from a list or specific location (Advanced)" and press "Next>" in the displayed Window (Fig. 10).

Found New Hardware Wizard		
Please choose your search and installation options.		
⊙ Search for the best driver in these locations.		
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.		
Search removable <u>m</u> edia (floppy, CD-ROM)		
✓ Include this location in the search:		
Cthild CDM 2.02.04 WHQL Certified Browse		
O Don't search. I will choose the driver to install.		
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.		
< <u>B</u> ack <u>N</u> ext > Cancel		
Fig. 11		

Select "Search for the best driver in these locations" in the displayed Window (Fig. 11) and check box "Include this location in the search: ", select "Browse" and to indicate directory, where the file "CDM 2.02.04 WHQL Certified.zip" has been extracted. Press "Next>"

Found New Hardware Wizard	
	Completing the Found New Hardware Wizard The wizard has finished installing the software for: USB Serial Port
	< <u>B</u> ack Finish Cancel

Fig. 12

Displayed Window (Fig. 12) means that your PC has found file necessary for driver's installation and successfully installed it. Press "Finish"Installation of "USB Serial Port"is finished.

Attention! If Window is not displayed (Fig. 12) it means that the file necessary for installation has not been found. Check whether path towards directory of extracted "CDM 2.02.04 WHQL Certified.zip"file specified in Window (Fig. 11) is correct. Press "<Back"to return to Window (fig.11) and check whether directory of extracted file "CDM 2.02.04 WHQL Certified.zip" is correct.

PC is successfully prepared for operation with configuration-testing application "SERA".

3. Selection of COM port

After installation of drivers it is necessary to check for which COM port USB used for configuration of the module has been assigned to. To perform this task in Windows environment follow the instructions mentioned below.

*If the module "GTAUTO" is being connected via RS232 cable and if you are aware of which COM port it is connected to, remeber the numeber of this COM port and skip the present clause. Awareness of COM port number is necessary in order to indicate proper COM port in the application "SERA"the module "GTAUTO" is connected to.

Attention! The module "GTAUTO" must be supplied with +12V (bus leads: black (-), red (+)) and PC via USB interface. DO NOT supply voltage for the module from PC power supply unit, because absence of common mass between two PC power supply units may damage the module.

Open the Window "System Properties"(path "Start" > "Control Panel" > "System"). "System Properties" Window (fig. 13) is being displayed.

From the Window "System properties"select the tab "Hardware". After selection of the tab "Hardware" Window (Fig. 13) will be displayed.

System Properties 🛛 🖓 🔀		
System Restore Automatic Updates Remote		
General Computer Name Hardware Advanced		
C Device Manager		
The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.		
Device Manager		
Drivers Driver Signing lets you make sure that installed drivers are compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers. Driver Signing Windows Update Hardware Profiles Image: Wardware profiles provide a way for you to set up and store different hardware configurations.		
Hardware Profiles		
OK Cancel Apply		
Fig. 13		

Select "Device Manager" from the tab "Hardware". Window (Fig. 14) will be displayed.

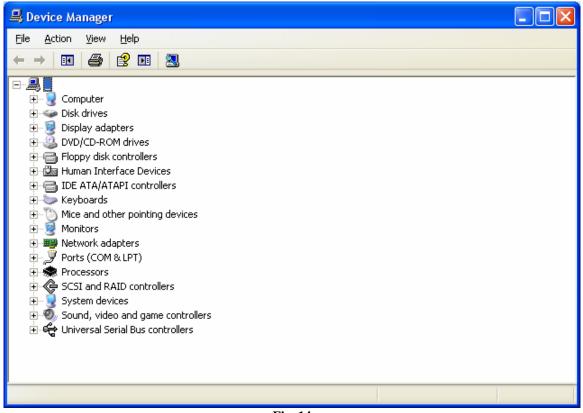


Fig. 14

In "Device Manager" Window click "+" symbol near "Ports (COM & LPT)" in order to scroll "Ports (COM & LPT)" menu. If the module is powered with +12V and it is connected to the PC via USB port, thus upon scrolling Ports (COM & LPT)", Window (Fig. 15) will be displayed.

Attention! If the module "GTAUTO" is not powered with +12V and it is not connected to the PC via USB interface, menu "Ports (COM & LPT)" clause "USB Serial Port" will not be visible.

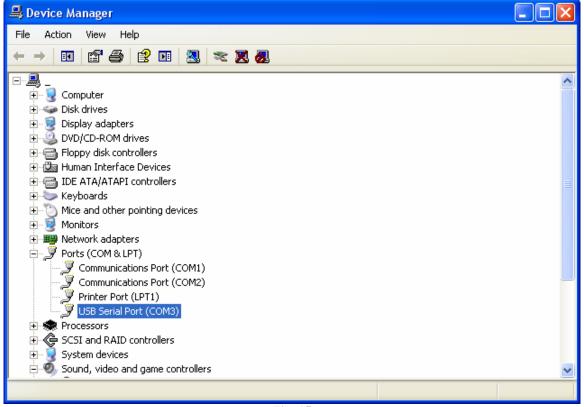


Fig. 15

From the displayed Window (Fig. 15) you must select COM port USB interface is assigned to. Line "USB Serial Port (COM3)" is displayed in the example (Fig. 15). This means that USB will be assigned to COM port. Remember this COM port number and go to the clause "Work with application SERA".

Attention! If COM port number (Fig. 16) automatically assigned to USB interface is not right, you may change it. Follow the instructions.

In order to change COM port number drag cursor on "USB Serial Port (e.g.: COM3, Fig. 15) and use double-click of the right key in displayed menu "Properties". Window (Fig. 16) will be displayed.

USB Serial Port (COM3) Properties 🛛 🛛 💽 🔀							
General	General Port Settings Driver Details						
Ţ	USB Serial Port (COM3)						
	Device type:	Ports (COM & LPT)					
	Manufacturer:	FTDI					
	Location:	on USB Serial Converter					
This of If you start t	the troubleshooter.	operly. s with this device, click Troubleshoot to					
	Device usage:						
Use this device (enable)							
		OK Ca	ancel				
		Fig. 16					

Select tab "Port Settings" from Window (Fig. 17). Window (Fig. 17) will be displayed.

SB Seri	al Port (COM3) Properties	?
General	Port Settings Driver Details	
	Bits per second: 9600	*
	Data bits: 8	*
	Parity: None	*
	Stop bits: 1	~
	Elow control: None	*
	<u>Advanced</u> <u>R</u> estore Del	faults
	ок с	ancel

Fig. 17

Select "Advanced..." from the Window (Fig. 17). Window (Fig. 18) will be displayed.

Advanced Settings for COM3						
COM Port Number: COM3 USB Transfer Sizes Select lower settings to correct performance problems Select higher settings for faster performance.	at low baud rates.	OK Cancel Defaults				
Receive (Bytes): 4096 🗸						
Transmit (Bytes): 4096 🗸]					
BM Options	Miscellaneous Options					
Select lower settings to correct response problems.	Serial Enumerator					
Latency Timer (msec): 16	Serial Printer					
Timeouts	Event On Surprise Removal					
	Set RTS On Close					
Minimum Read Timeout (msec): 0	Disable Modem Ctrl At Startup					
Minimum Write Timeout (msec): 0 💌						
	F: 10					

Fig. 18 COM port assigned to USB is displayed near the line Scroll up the menu (Fig. 19).

Advanced Settings	for COM3			? 🛛
COM Port Number:	сомз 🗸			
USB Transfer Sizes Select lower settin Select higher settir Receive (Bytes):	COM3 COM4 COM5 COM6 COM7 COM8	nance problems at low nance. 96 💌	baud rates.	OK Cancel Defaults
Transmit (Bytes):	COM9 COM10 COM11 COM12	96 💌		
BM Options Select lower setting	COM13 COM14 COM15 COM16	se problems.	Miscellaneous Options	
Latency Timer (ms	COM17	•	Serial Printer Cancel If Power Off	
Timeouts	COM21 COM22 COM23		Event On Surprise Removal Set RTS On Close	
Minimum Read Tin Minimum Write Tim	COM25 COM26 COM27	×	Disable Modem Ctrl At Startup	
	COM28 COM29	Fig	10	

Fig. 19 Specify suitable COM port, which is not marked as "in use" from Window (Fig. 19). Having performed these actions press "OK". Now after opening Window (Fig. 15) near the line "USB Serial Port ()" you should see the same COM port you selected from Window (Fig. 19).

Attention! Remember the COM port specified near the line ,,USB Serial Port(COM?)"

4. Connection of the GTAUTO module to your PC

The module must be powered with +12V voltage, it should have inserted SIM card (including account balance and **PIN CODE REQUEST OFF**), connected GSM antenna and the module must be connected to the PC via programming cable.



5. Work with the software SERA

Start the software SERA. Go to [Start>All programs>Topkodas>SERA>SERA] or go to installation directory and click "SERA.exe".

After starting the program the Main Window is displayed (Fig. 20).

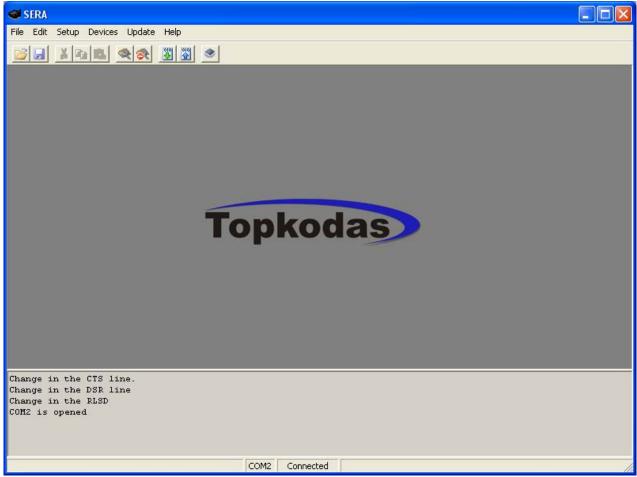


Fig. 20

If the module is fully connected to the PC and power supply (DO NOT supply voltage for the module from PC power supply unit, because absence of common mass between two PC power supply units may damage USB port !) select [Devices>GTauto v3]. (Fig. 21)



After selection, the main configuration Window of "GTAUTO" will be displayed (Fig. 22)

SERA - [GTauto configur	ation]	
File Edit Setup Devices Upd	late Help	
GTauto Configuration		
Main window GSM Communications GSM Remote Control Outputs	Main window <u>GSM Alarm Pager-Remote Controler</u>	
Inputs Service SMS Text Custom SMS Text	Installer password: (6 symbols) User password: (6 symbols) HW:	
Lee Testing and Diagnostic	Test time 24 h □ Reset test counter after arming Boot: Lock/Unlock Mode 1 (V+ Pulse using Lock and Unlock inputs) ▼ SW: Entry Delay 20 s SW:	
GTAUTO	Exit Delay 20 s Siren time 120 s Temperature Celcijus Indication on/off (energy saving)	
COM16 is opened\0x00\0x0	0	
	COM16 Connected	

Fig. 22

Set the COM port to initialize the "GTAUTO". Go to [Setup>Serial Port...] (Fig. 23).

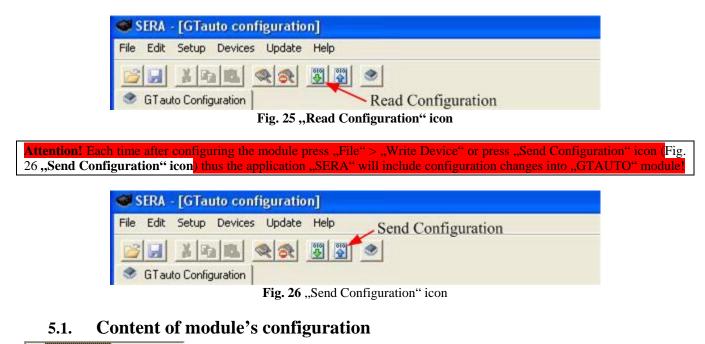
File	Edit	Setup	Devices	Update	Help	
,						
Fig. 23						

Window "Serial Port Setup" is being displayed (Fig. 24). Scroll list and select COM port, you set in clause "4. Selection of COM port". Press OK.

Attention! If you do not know the COM port the module is connected to, try each COM port each time after selecting COM port perform "GTAUTO" testing. If test is successful it means that COM port is selected properly.

😅 Serial Port Setup			
COM1 (\Device\VCP4)	• OK		
Fig. 24			

Upon setting COM port information of the module should be read out. Go to [File>Read Device] or press "Read Configuration" icon (Fig. 25 "Read Configuration" icon)





Configuration content is available at the software (Fig. 27). To open configuration window according to selected content menu click preferred part of the content.

5.2. Main Window of the software SERA

Main Window of the software SERA is displayer in (Fig. 28). This Window is displayed automatically when the "GTAUTO"device is selected [Devices>GTauto v3]. It also may be selected from the content of the module. Main window

nstaller password:	*****	(6 symbols)		[Hardware details
Jser password:	*****	(6 symbols)			HW:
est time	24 _h	Reset test counter aft	er arming		Boot:
.ock/Unlock	Mode 1 (V+ Pulse using Lock and	Unlock inputs		SW:
intry Delay	20 5				
xit Delay	20 8				
Siren time	120 8		🔽 Siren sig	inal on AR	M/DISARM
emperature	Celcijus	•	Auto - re Indication		energy saving)
	\mathbf{k}				

Fig. 28

	Fig. 28
Explanation of "Main window" field:	
Installer password	It is installer password comprised from 6 symbols, when the
	module is being configured via SMS messages.
User password	It is user's password comprised from 6 symbols used each time
	in order to control or receive information from the module
	"GTauto"by a user.
Test time	Time period to inform how much time it will take to send
	informative SMS message to a user. Discretion of test setting
	time is one hour.
Reset test counter after ARMing	If a check box near this note is checked time of sending
	informative SMS message will be calculated from the
	beginning each time after security system is in ARM mode.
Lock/Unlock	When connecting the module to the central lock, it is necessary
	to set signals the module will enter ARM/DISARM modes. 5
	versions is possible:
	Disable – programmable block of LOCK and UNLOCK
	inputs. The module will show no reaction towards signals in
	LOCK and UNLOCK inputs.
	• Mode 1 (V+ Pulse using Lock and Unlock inputs)
	uses two inputs Lock and Unlock. Lock input sets
	ARM mode after pulsing or steady signal. Unlock sets
	DISARM mode. It is comfortable to use 1 or 2 mode
	when connecting the module to the central lock of
	vehicle. Central lock mostly generates lock and
	unlock signals with two wires.
	• Mode 2 (V- Pulse using Lock and Unlock inputs) as
	in 1 mode only inverted.
	• Mode 3 (V+ Level using Lock input) uses only one
	Lock input. Unlock input is not used. These modes are
	comfortable to use when activating/deactivating the
	system by using switch or other access control device.
	• Mode 4 (V- Pulse using Lock and Unlock inputs) as
	in 3 mode only inverted.
Entry Delay	Input time in seconds. The system starts calculating this time
	period after activation of <i>Delay</i> type zone. If during that time
	the security system will not be disarmed, The module will
	activate alarm state, siren switch on, SMS will be send about

	alarmed zones.
Exit Delay	It is insensibility time (seconds) of the module into <i>Delay</i> and
	Interior type inputs before the module enters to ARM mode.
	This means that during calculation of this time period, the
	module will not activate alarm even if inputs will be activated.
Siren Time	This time value specifies how long the Siren of security system
	will be active after occurrence of alarm. Time period should be
	set in seconds from 1 sec to 999 sec.
Indication	on/off (energy saving) – if this box is checked it means that
	setting is On. If the box is not checked the setting is Off.
	On mode – all LEDs available in the module are active and
	indicate activity of the module.
	Off (energy saving) mode - operates only red LED available
	in the module, operation of GSM modem is being indicated.
	*red "control" LED is always active on bus leads not depending from Indication mode.
Siren Signal on ARM/DISARM	This is ARM/DISARM confirmation by short Siren signal.
Auto re-ARM	If checkbox is checked auto rearm function is enabled. This
	means what if module is DISARMED by phone and any of
	inputs has no action, when the module automatically returns to
	AMR state.
Temperature	It is temperature scale. Two scale types are possible, one of
F	which may be selected after scrolling menu near the note
	"Temperature":
	Celsius – temperature indications according to Celsius
	scale.
	Fahrenheit – temperature indications according to Fahrenheit
	scale.
Hardware details	This is info about "GTauto" module:
	HW – hardware version of the module.
	Boot – start up program version (BOOT) This part of the
	program is able to update Firmware SW.
	SW – Firmware version of the module.

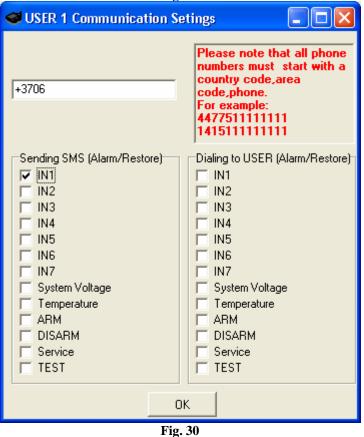
5.3. Window "GSM communication options"

In order to open Window **"GSM communication options", it is necessary to select "Communication" clause** (Fig. 27) **from the left side.** The Window (Fig. 29) including users table whom GSM SMS messages are being sent and calls are being made. Amount of users is up to 16. Quick double click on the selected line will display selected user's window (Fig. 30) where user's parameters are being used. User numbers should be entered with international code. Beside telephone number of each user click checkboxes about which events will be sent to a user.

GSM SMS and DIAL communication options

_		is and DIAE communication optio					
	ID	User Phone SMS and DIAL	IN1 SMS	ฟ้N2 SMS	IN3 SMS	IN4 SMS 木	Please note that all phone
I	1	+370685111111	~				numbers must start with a
	2	+					country code,area code,phone.
	з	+					For example:
	4	+					447751111111 141511111111
	5	+					1
	6	+					
	7	+					SMS Error Limit: 4
	8	+					Limit of dialing: 3
	9	+					Limit of dialing: ³
	10	+					
	11	+					
	12	+					
	13	+					
	14	+					
	15	+					
	16	+				V	
<						>	

Fig. 29



Explanation of fields of "GSM communication options" Window:

\mathbf{I}	
ID	ID of the user whom SMS will be sent and calls will be
	made.
User Phone SMS and DIAL	This column includes user phone numbers to whom GSM

	SMS messages will be sent and short calls will be made.
Sending SMS (Alarm/Restore)	Where checkboxes are checked, these events will be send
	to selected users via SMS (Fig. 30)
Dialing to USER (Alarm/Restore)	Where checkboxes are checked, a user will be notified
	bout these events by making him a short call. (Fig. 30)
SMS error limit	SMS repetition limit in a case of failure to send SMS.
Limit of dialing	It is a number, which specifies the amount of times to call
	to a user's telephone after occurrence of alarm, if a user
	does not cancel call of the module.

5.4. Window "GSM remote control"

To open Window **"Remote Control by Dialling"**, it is necessary to select **"GSM Remote Control" clause** (Fig. 27) **from the left side.** Window (Fig. 31) will be displayed for users who will be able to control the module via short call. The module will identify caller ID and if this ID will be available in the table, the module will perform selected action. **Amount of users is up to 400.**

	inote	Control by Dialing							
	ID	User Phone	Out1	Out2	Out3	Arm/Disarm	MIC	^	Please note that all phone
	1	+141511111111	•		\square				numbers must start with a
	2	+141511111112		~	\square				country code,area code,phone.
	3	+141511111113			~				For example:
	4	+141511111114			\square	✓			447751111111 141511111111
I	5	+141511111115					~		J
	6	+141511111116	~	~	~	✓	✓		
	7	+							
	8	+							
	9	+							
	10	+							
	11	+							
	12	+							
	13	+							×
	14	+							R
	15	+							
	16	+						~	

Fig. 31

-	- ig. 51
Explanation for fields of "Remote Control by Dialing":	
ID	ID number of a user who is able to control the module via
	short call.
Remote User Phone	Telephone numbers of users who will be able to control
	the module via short call should be entered in this
	column.
OUT1, OUT2, OUT3	Where checkboxes will be checked, these inputs will be
	switched, if a user will call from this number. Preferred
	output may be assigned to each user's number. Thus
	different users are able to control different objects.
ARM/DISARM	If this checkbox is checked, a user will be able to
	ARM/DISARM the security system via short call.
MIC	If checkbox is checked a user will be able to activate
	microphone and to switch on voice listening.

5.5. Langas "Outputs"

In order to open Window "Outputs", it is necessary to select "Outputs" clause (Fig. 27) from the left side.

2 Out2 Out2 ON . Out2 OFF . CTRL/SMS/DIAL 600s 🔽 Pu	
2 Out2 Out2 ON . Out2 OFF . CTRL/SMS/DIAL 600s 3 Out3 Out3 ON . Out3 OFF . Light Flash 600s	ate l
3 Out3 Out3 ON . Out3 OFF . Light Flash 600s 🔽 Pu	lse
	ulse
	ıls€
	Ъĺ
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ß	
k}	
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₩	
13	
Fig. 32	

_									
	ID	Name	Out ON SMS text	Out OFF SMS text	Out definition	Out pulse time	Invert	State 🔼	
Þ	1	0ut1	Outl ON .	Outl OFF .	SIREN 🕺 🔽	600s		Pulse	
	2	Out2	Out2 ON .	Out2 OFF .	CTRL/SMS/DIAL	600s		Pulse	
	3	Out3	Out3 ON .	Out3 OFF .	SIREN BUZZER	600s		Pulse	
ARM state									
		<u> </u>		F ! 22	Tnnuts OK			<u> </u>	

	Out ON SMS tex	at 👘	Out OFF SMS	text	Out definition	Out pulse time	Invert	State MoBe	
Ι¢	Outl ON	-	Outl OFF	-	SIREN	600s	\square	Pulse 💌	
	Out2 ON	-	Out2 OFF	-	CTRL/SMS/DIAL	600s	\Box	Pulse	
	Dut3 ON	-	Out3 OFF	-	Light Flash	600s	\square	Steady	
Ξ.									

Fig. 34

	Fig. 54
Explanation of fields of "Outputs" Wi	ndow:
ID	Output ID number
Name	Output name
Out ON text	It is a text, which will be sent to a user after activation of output by
	the module. This text may be changed.
Out OFF text	It is a text, which will be sent to a user after deactivation of output by
	the module. This text may be changed.
Out definition	Output activity algorithm may be selected from scrolled menu, see
	(Fig. 33):
	CTRL/SMS/DIAL – output will be possible to control via SMS
	message, short call or commutation via selected input. This algorithm
	is possible to use: for ignition blocking, for gate control or for
	remoter starting of a car etc.
	SIREN – output used for connection of siren. Used for generating of
	voice signal after occurrence of alarm.
	BUZER – sound signaling device. Upon alarm of the zone beeps
	continuously. When security system starts calculating Exit time "Exit
	Delay", the user is able to hear short voice signals. When 10 seconds
	are left till the activation, signals are being repeated each 0.5 seconds.

	If after expiry of delay time all zones remains unalarmed, the system turns into ARM state along with conformation beep. ARM State – state of alarm system ARM/DISARM. For light indication may be used. When the output is set for operation in pulse mode, this feature may be used to close car windows or roof ventilation. Impulse time should be set 20-30 seconds. When the security system will be turn on, the output will generate signal to close windows. Inputs OK - if any of zones is disturbed, the output will be alarmed. This feature is usually used for indication whether all zones are in order. Light Flash – used for connection of light signal. Upon alarm of the security system the light starts blinking. Lights will also blink when activating/deactivating the security system. This feature may be
Out pulse time	applied to connect car direction signals.It is time in seconds, which indicates duration of impulse,
	when Pulse type is being selected in the column [State Mode]
Invert	Option to invert the output. If the checkbox is to be checked, the output will work as inverted.
State mode	Output commutation type, see.(Fig. 34). Pulse – the output will work in single pulse mode. Pulse time (seconds) should be set in [Out pulse time] column. Steady – output will work on the steady level till the next commutation.

5.6. Window "Inputs"

In order to open Window "Inputs", it is necessary to select "Inputs" (Fig. 27) from the left section. All input parameters are being described in this window.

h	n Input Name	Alarm text	Restore text	Alarm	Restore	Input Type	ut [
ŀ	l Input 1	Alarm IN1	Restore IN1	~	~	EOL	
	2 Input 2	Alarm IN2	Restore IN2	~	~	EOL	ir
	3 Input 3	Alarm IN3	Restore IN3	~	~	EOL	i:
•	1 Input 4	Alarm IN4	Restore IN4	~	~	EOL	i:
!	5 Input 5	Alarm IN5	Restore IN5	~	v	EOL	i:
	5 Input 6	Alarm IN6	Restore IN6	~	v	NO	24
ľ	7 Input 7	Alarm IN7	Restore IN7	~	v	NO	24
	Battery	Low Batery .	Batery restore .	~	v	NC	s
ľ) Temperature	Low Temperature.	Temp restore .	v	v	NC	2
đ	1						Þſ

 \searrow

Fig. 35

	Restore text	Alarm	Restore	Input Type	Input Def.	Input speed	Repeat time	Action	^
▶	Restore IN1	>	~	EOL 💌	delay	200ms	60s	Disable	
	Restore IN2	~	✓	NO	interior	200ms	60s	Disable	
	Restore IN3	~	✓	NC EOL	instant	200ms	60s	Disable	
	Restore IN4	~	✓	ROT	instant	50ms	60s	Disable	
	Restore IN5	~	✓	EOL	instant	50ms	60s	Disable	_
	Restore IN6	~	✓	NO	24 hours	1000ms	60s	Disable	
	Restore IN7	~	✓	NO	24 hours	5000ms	60s	Disable	
	Batery restore .	~	✓	NC	silent	65000ms	6000s	Disable	
	Temp restore .	~	~	NC	silent	65000ms	6000s	Disable	~
<									•

Fig. 36

	Restore text	Alarm	Restore	Input Type	Input Def.	Input speed	Repeat time	Action	^
▶	Restore IN1	~	~	EOL	delay 💌	200ms	60s	Disable	
	Restore IN2	~	~	EOL	delay	200ms	60s	Disable	
	Restore IN3	~	~	EOL	interior instant	200ms	60s	Disable	
	Restore IN4	~	~	EOL	24 hours	50ms	60s	Disable	
	Restore IN5	~	~	EOL	silent	50ms	60s	Disable	_
	Restore IN6	~	~	NO	fire	1000ms	60s	Disable	
	Restore IN7	~	~	NO	24 hours	5000ms	60s	Disable	
	Batery restore .	~	~	NC	silent	65000ms	6000s	Disable	
	Temp restore .	~	~	NC	silent	65000ms	6000s	Disable	~
<									

Fig. 37

Explanation of fields of "Inputs" Window:

In	Input number
Input Name	Input name
Alarm text	It is the text, which will be received by a user after alarm
	response of appropriate sensor. This text may be changed.
Restore text	It is the text, which will be received by a user after restore

	of appropriate sensor. This text may be changed.
Alarm	If the box is checked it means that the module will react
	towards alarm response of appropriate sensor. If the box
	is not checked the module will not react towards alarm of
	the present input.
Restore	If the checkbox is checked it means that the module will
	react towards restore of appropriate sensor after alarm
	response. If the checkbox is not checked the module will
	not react towards restore of the present input.
Input Type	Input type you may select after scrolling menu (Fig. 36):
	• NC – normally closed contact;
	• NO – normally open contact;
	• EOL -normally closed with end of resistor
Input Def.	Input operation type you may select after scrolling menu:
	(Fig. 37):
	• Delay – Access zone. Set "Entry delay" and
	"Exit Delay" are applied for this zone. Such type zones
	are used for connection of door sensor.
	• Interior – disturbance of this type of the zone
	will not be responded if alarm of "Delay" type zone
	occurred and "Entry Delay" or "Exit Delay" time still
	have not expired. Such type zones may be used for
	connection of motion sensor in front of the door. The
	input will be activated immediately if the door has not
	been open before.
	• Instant – Instant zone. Upon disturbance of this
	zone, the system will immediately activate burglary
	alarm. If the security system was ARM'ed.
	• 24 hours - Upon disturbance of this zone, the
	system will activate burglary alarm not depending
	whether the security system is ARM or DISARM. The
	applications of this type zones are safes, storehouses,
	tampers of the sensors.
	• Silent - silent zone is always active not
	depending on whether the security system is ARM or
	DISARM. Upon disturbance of this zone, SMS
	messages are being generated but the siren will not be
	activated. These zones may be applied for voltage,
	temperature control, AC mains failure control and for
	alarm of silent panic.
	• Fire - this zone is always active not depending
	on whether the security system is ARM or DISARM.
	The zone generates a special siren signal with
	interruptions. The zone is applied for smoke sensors
	and for fire alarm.
Input speed	It is the time in milliseconds, which indicates the shortest
	signal for reaction of the module. If signal is shorter than
	indicated, the module will ignore it.
Repeat time	The time period in seconds, during this time repeatable
	zone events are ignored.
Input 6 (Fig. 38.)	Blocks ARM Enable function (special function)
Input 6 (Fig. 38.)	If the checkbox is checked. When this input blocks
Input 6 (Fig. 38.)	If the checkbox is checked. When this input blocks forced ARMing function will not go to ARM mode
	If the checkbox is checked. When this input blocks forced ARMing function will not go to ARM mode then input 7 input will be activated.
Input 6 (Fig. 38.) Input 7 (Fig. 39.)	If the checkbox is checked. When this input blocks forced ARMing function will not go to ARM mode then input 7 input will be activated. In7 forced ARMing (special function)
	If the checkbox is checked. When this input blocks forced ARMing function will not go to ARM mode then input 7 input will be activated. In7 forced ARMing (special function) • Enable function – if the module is in DISARM
	If the checkbox is checked. When this input blocks forced ARMing function will not go to ARM mode then input 7 input will be activated. In7 forced ARMing (special function) • Enable function – if the module is in DISARM state, thus after selecting the present function,
	If the checkbox is checked. When this input blocks forced ARMing function will not go to ARM mode then input 7 input will be activated. In7 forced ARMing (special function) • Enable function – if the module is in DISARM state, thus after selecting the present function, the module will go to ARM mode after alarm
	 If the checkbox is checked. When this input blocks forced ARMing function will not go to ARM mode then input 7 input will be activated. In7 forced ARMing (special function) Enable function – if the module is in DISARM state, thus after selecting the present function, the module will go to ARM mode after alarm response of Input 7 (siren) zone.
	 If the checkbox is checked. When this input blocks forced ARMing function will not go to ARM mode then input 7 input will be activated. In7 forced ARMing (special function) Enable function – if the module is in DISARM state, thus after selecting the present function, the module will go to ARM mode after alarm response of Input 7 (siren) zone. Input Signal time to force ARM - it is time in
	 If the checkbox is checked. When this input blocks forced ARMing function will not go to ARM mode then input 7 input will be activated. In7 forced ARMing (special function) Enable function – if the module is in DISARM state, thus after selecting the present function, the module will go to ARM mode after alarm response of Input 7 (siren) zone. Input Signal time to force ARM - it is time in seconds, indicating the time of input to be active
Input 7 (Fig. 39.)	 If the checkbox is checked. When this input blocks forced ARMing function will not go to ARM mode then input 7 input will be activated. In7 forced ARMing (special function) Enable function – if the module is in DISARM state, thus after selecting the present function, the module will go to ARM mode after alarm response of Input 7 (siren) zone. Input Signal time to force ARM - it is time in seconds, indicating the time of input to be active forced ARM.
	 If the checkbox is checked. When this input blocks forced ARMing function will not go to ARM mode then input 7 input will be activated. In7 forced ARMing (special function) Enable function – if the module is in DISARM state, thus after selecting the present function, the module will go to ARM mode after alarm response of Input 7 (siren) zone. Input Signal time to force ARM - it is time in seconds, indicating the time of input to be active forced ARM. In8 Low Battery parameters
Input 7 (Fig. 39.)	 If the checkbox is checked. When this input blocks forced ARMing function will not go to ARM mode then input 7 input will be activated. In7 forced ARMing (special function) Enable function – if the module is in DISARM state, thus after selecting the present function, the module will go to ARM mode after alarm response of Input 7 (siren) zone. Input Signal time to force ARM - it is time in seconds, indicating the time of input to be active forced ARM.

	 Restore voltage – it is voltage value of zone Restore. Calibration – coefficient, if changed helps to calibration voltage values.
Temperature (Fig. 41.)	 In9 Temperature parameters Alarm temperature – when this temperature will be reached 9 zone will be alarmed. Restore temperature – when this temperature will be reached 9 zone will be restored; Additional Calibration - by changing X and Y coefficients, which influence temperature calculation formula, it is possible to calibrate temperature showings. Attention! In order to change temperature scale (C/F) go to "Main Window", select preferred temperature scale
Innuts	("Temperature") and after this change send configuration into the module ("Write Device").

Γ	Ī	In	Input Name	Alarm text	Restore text	Alarm	Restore	Input Type	ut 🚺
		1	Input 1	Alarm IN1	Restore IN1	2	~	EOL	
		2	Input 2	Alarm IN2	Restore IN2	~	~	EOL	ir.
		3	Input 3	Alarm IN3	Restore IN3	>	✓	EOL	i :
		4	Input 4	Alarm IN4	Restore IN4	>	✓	EOL	i :
		5	Input 5	Alarm IN5	Restore IN5	✓	✓	EOL	i :
		6	Input 6	Alarm IN6	Restore IN6	v	✓	NO	24
		7	Input 7	Alarm IN7	Restore IN7	v	✓	NO	24
		8	Battery	Low Batery .	Batery restore .	v	✓	NC	s
		9	Temperature	Low Temperature.	Temp restore .	V	v	NC	S 💌
	•								▶

In6 blocks ARM (special function)

Enable function 🔲



Fig. 38

In	Input Name	Alarm text	Restore text	Alarm	Restore	Input Type	ut [
1	Input 1	Alarm IN1	Restore IN1	✓	~	EOL	
2	Input 2	Alarm IN2	Restore IN2	~	~	EOL	ir.
3	Input 3	Alarm IN3	Restore IN3	✓	~	EOL	i :
4	Input 4	Alarm IN4	Restore IN4	✓	~	EOL	i:
5	Input 5	Alarm IN5	Restore IN5	✓	~	EOL	i:
6	Input 6	Alarm IN6	Restore IN6	✓	~	NO	24
7	Input 7	Alarm IN7	Restore IN7	✓	V	NO	24
8	Battery	Low Batery .	Batery restore .	✓	V	NC	£
9.	Temperature	Low Temperature.	Temp restore .	V	✓	NC	9
							Þ
In7 Force Arming (special function) Force Arming Enable Input Signal Time to Force ARM 5 s							

Inputs									
	Restore text	Alarm	Restore	Input Type	Input Def.	Input speed	Repeat time	Action	^
	Restore IN1	>	~	EOL	delay	200ms	60s	Disable	
	Restore IN2	~	~	EOL	interior	200ms	60s	Disable	
	Restore IN3	~	~	EOL	instant	200ms	60s	Disable	
	Restore IN4	~	~	EOL	instant	50ms	60s	Disable	
	Restore IN5	~	~	EOL	instant	50ms	60s	Disable	
	Restore IN6	~	~	NO	24 hours	1000ms	60s	Disable	
	Restore IN7	V	~	NO	24 hours	5000ms	60s	Disable	
₽	Batery restore .	V	~	NC	silent	65000ms	6000s	Disable	
	Temp restore .	V	✓	NC	silent	65000ms	6000s	Disable	~
<									•
1	n8 Low Battery parameters Marm voltage 11.02 V Restore voltage 12.58 V	Calibratic	_{on} 1.6128					Ç,	
_									

Fig. 40

Inputs								
Restore text	Alarm	Restore	Input Type	Input Def.	Input speed	Repeat time	Action	^
Restore IN1	✓	✓	EOL	delay	200ms	60s	Disable	
Restore IN2	✓	✓	EOL	interior	200ms	60s	Disable	
Restore IN3	✓	✓	EOL	instant	200ms	60s	Disable	
Restore IN4	✓	~	EOL	instant	50ms	60s	Disable	
Restore IN5	✓	~	EOL	instant	50ms	60s	Disable	
Restore IN6	✓	~	NO	24 hours	1000ms	60s	Disable	
Restore IN7	~	✓	NO	24 hours	5000ms	60s	Disable	
Batery restore .	~	✓	NC	silent	65000ms	6000s	Disable	
▶ Temp restore .	~	✓	NC	silent	65000ms	6000s	Disable	~
<								>
In9 Temperature parameters Alarm temperature 19.98 Restore temperature 24.98	т х т	ditional Calit 0.3329 -270.97 mperature=>	_		۵	ç		

Fig. 41

5.7. Window "Service text summary"

In order to open Window select" Service text summary" (Fig. 27) from the left section.

I	D Name of Status Event	Event Text	Send	^	
1	l Module ARM	System ARM	 Image: A start of the start of		
2	2 Module DISARM	System DISARM	~		
3	3 Module reset	System reset	~		
4	4 Module test	Test	✓		
				R	

Fig. 42

Explanation of fields of "Service text summary" Window:

Name of Status Event	Event name
Event Text	Event test, which may be changed
Send	If checkbox is checked it means that users who are
	checked in Communications Window near Service SMS
	will receive message on appropriate event.

5.8. Window "Text summary"

In order to open Window select "**Text table**" (Fig. 27) from the left side of the Window. This Window is intended for creation of equivalents.

ID	Name of Status Event	Event Text	Send	_
. 1	Module ARM	System ARM	~	
2	Module DISARM	System DISARM	~	
	Module reset	System reset	~	
4	Module test	Test	~	
		۵	5	
		۵	5	

Fig. 43

Explanation of fields of "**Text summary**" Window:

ID	Text number
Text name	Text in English
Text	Equivalent of the text available in "Text name", which
	may be changed.
	Words available in this field will comprise messages
	being sent.

5.9. Window "Testing and Diagnostic window"

In order to open Window "Testing window", it is necessary to select "Testing" clause (Fig. 27) from the left side. This Window is intended for testing of the module.

Testing window Inputs (ADC values) IN1 511 IN2 519 IN2 521	Outputs states GSM info Out1 IMEI: 353358011580490 Out2 SIM card: : READY	
▼ IN4 516 ▼ IN5 515 □ IN6 0 □ IN7 0 □ IN8 849 □ IN9 863 □ IN9 863 □ Unlock 0	Out1 On/Off Signal level: 20 Out2 On/Off Registration: Registered, home network Out3 On/Off SMS Service Centre Address: : "+37069950115",14	
System voltage: 13.69 V Temperature: 14.2 °C Switch on testing mode Switch	849 System State: 863.3 n off testing mode	
	Fig. 44	

Explanation of fields of "Testing Window":

Inputs	IN1	This is alarm indication of each of
	IN2	eight inputs. Checked checkbox near
	IN3	appropriate input means that this
	IN4	input – zone was activated. Number
	IN5	near each input is a ADC coefficient
	IN6	indicating voltage available in the
	IN7	input.
	IN8	
	Lock	Input indication. Number nearby is a
		ADC coefficient indicating voltage
		available in the input.
	Unlock	Input indication. Number nearby is a
		ADC coefficient indicating voltage
		available in the input.
Outputs states	Out1	Checked box near appropriate output
	Out2	means that this output is on.
	Out3	
	Mygtukas Out1 On/Off	By pressing buttons output (on/off)
	Mygtukas Out2 On/Off	states are being controlled. It is
	Mygtukas Out3 On/Off	convenient to use when it is
		necessary to test outputs operation.
GSM info	IMEI	IMEI number of GSM modem
		available in the module.
	SIM card	If note "READY" is visible, it means
		that SIM card is fully functioning.
		Otherwise, check whether PIN code request is off or replace SIM card.
	Signal level	Signal strength of GSM
		communication.
	Registration	State of GSM modem registration to
	NCZISU AUUII	GSM network.
		USINI IICIWUIK.

	SMS Service Centre Address	SMS center number. This number should be checked if it correct. If this number is incorrect. SMS messaging may be impossible. This number may be changed after inserting SIM card into any mobile phone.
System voltage	Power supply voltage the module is connected to. Nearby number is value of ADC voltage. When multiplying this number by the coefficient available in IN8 window (Fig. 40), voltage value will be achieved.	
Temperature	Temperature of temperature sensor. The number nearby is temperature ADC value used to calculate temperature according to the formula: Temperature=X*ADC+Y. X and Y coefficients may be changed in temperature window in order to additionally calibrate temperature measuring. These coefficients see (Fig. 41). After performing additional calibration, it is possible to achieve precise temperature measurement.	
System State	ARM	Indication that at the moment the module is in ARM state.
	DISARM	Indication that at the moment the module is in DISARM state.
	WAITING ARM	Module state when Exit Delay time is being calculated.
Switch on testing mode	Pressing this button starts testing of the module.	
Switch off testing mode	Pressing this button stops testing of the module.	

6. Saving of GTAUTO module configuration into PC

After configuration of the module, all settings may be saved at PC. It enables to save time, when next time the same configuration will be used – it will not be necessary again to set the same parameters.

If you want to save that is already recorded in the module, firstly you must read configuration of the module. [File>Read Device] see (Fig. 45) In order to save configuration go to [File>Save As...] (Fig. 46) or press icon "Save" (Fig. 47). Enter configuration parameter in the displayed table and press "OK".

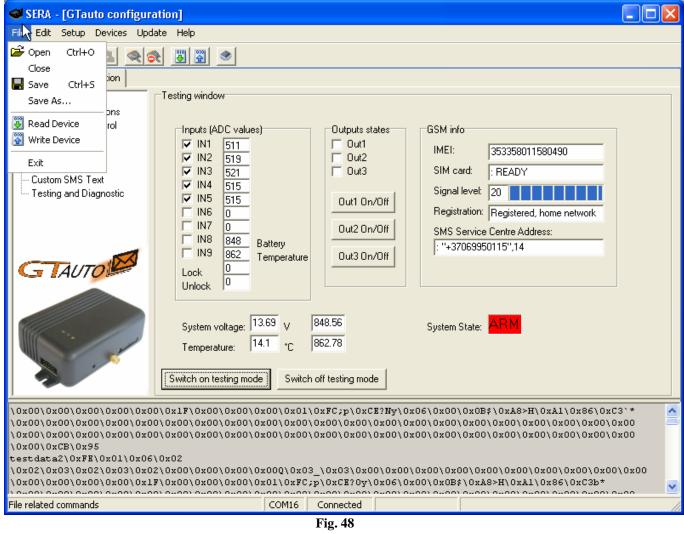


	Fig. 45	
😅 SERA - [GTauto configur	ration]	
<u>File E</u> dit <u>S</u> etup <u>D</u> evices <u>Up</u> o	date <u>H</u> elp	
൙ Open Ctrl+O 🚺 🚳	s 🖫 🐨 💌	
Close ion		
Save Ctrl+S	r Main window	
Save As Dns		
ឫ Read Device rol	GSM Alarm Pager-Remote Controler	<u>.</u>
🚰 Write Device		
Exit	Installer password: (6 symbols)	
- Custom SMS Text	User password: (6 symbols) HW:	
- Testing and Diagnostic	Test time 24 h Reset test counter after arming Boot:	
	Lock/Unlock Mode 1 (V+ Pulse using Lock and Unlock inputs) SW:	
	Entry Delay 20 s	
	Exit Delay 20 s	
GTAUTO	Siren time 120 s IV Siren signal on ARM/DISARM	
	Auto-reARM	
	Temperature Celcijus	
· //.		
NUL NO		
2		
COM16 is opened		
ave current file with different nan	ne COM16 Connected	
	Fig. 46	
SERA SERA	- [GTauto configuration]	
File Edit	Setup Devices Update Help	
I GTau	uto Configuration	
ardo		



7. Installing of saved configuration into the module GTAUTO

In order to start saved configuration go to [File>Open] (Fig. 48) or press "Open" icon (Fig. 49).



SERA - [GTauto configuration]
File Edit Setup Devices Update Help
STauto Configuration
Fig. 49
➢ Open Ctrl+O Close Save Ctrl+S Save As ③ Read Device ③ Write Device Exit
Fig. 50

Click the file of saved configuration or press "Open" in displayed Window. Now all parameters of saved configuration have been loaded into application SERA. If no any other necessary changes press [File >Write Device] (Fig. 50) in order to send this configuration into the module.

8. Updating of GTAUTO software version

The latest software version may be found <u>www.topkodas.lt</u>. If version of your module is older, please update it (to find out the version of your GTAUTO software version (SW) send Test SMS from your module).

For this purpose press "Update" see Fig. 51 or "Update module" icon, Fig. 52. Specify the file of the newest software version and press "Open". Follow instructions.

SERA - [GTauto configurati	on]		
File Edit Setup Devices Update	Help		
🇇 GTauto Configuration			
Main window GSM Communications GSM Remote Control Outputs Inputs Service SMS Text Custom SMS Text Testing and Diagnostic	Inputs (ADC values) Outputs states GSM info IN1 511 Out1 IMEI: 353358011580490 IN2 518 Out2 Out2 SIM card: : READY IN3 522 Out3 Out1 Signal level: 20 Image: Signal level: 20 IN5 514 Out1 On/Off Registration: Registred, home network IN7 0 Out2 On/Off SMS Service Centre Address: : "+37069950115",14 Lock 0 Out3 On/Off Image: Signal level: : "+37069950115",14		
	Unlock 0 System voltage: 13.69 V 848.59 Temperature: 14.3 °C 863.46 Switch on testing mode Switch off testing mode		
0\0x00\0x00\0x1F\0x00\0x1F\0x00\0x00\0x0			
	COM16 Connected	11	
	Fig. 51		
an CEDA T	CTauta configuration]		



Select Firmware file of the module:

Open					? 🛛
Look jn:	🗀 FirmwareUpda	ites	•	+ 🗈 💣 🎟+	
Network Magic Folders My Recent Documents Desktop	GT_v1.enc GT_v2.enc GT_v3.enc				
My Documents					
My Computer	File <u>n</u> ame:	GT_v3.enc		-	<u>O</u> pen
	Files of <u>type</u> :	Firmware files (*.enc)		•	Cancel

Press RESET button once and click "OK" in the displayed table.

Information 🛛 🗙	
(į)	Please connect and reset your hardware and press OK
	ОК

The following window will be displayed:

SERA - [GTauto configuration]	X
Eile Edit Setup Devices Update Help	
Image: Second	
Updating progress	
COM16 is opened Firmware file have been loaded	^
Please connect and reset your hardware\0x00\0x00\0x00\0x00\0x00\0x00\0x00\0x	
\0x00\0x00\0x00\0x00\0x00\0x00\0x00\0x	
\0x00\0x00\0x00\0x00\0x00\0x00\0x00\0x	~
COM16 Connected	1

When updating of firmware will be finished, the system will displayed the table below:

Informa	ation 🛛 🔀
٩	Reset module to continue
	ОК

Then press RESET button. Then press OK.

Read configuration of the module [File->Read Device]. Go to Main Window. Check, whether firmware has been updated. SW: xxxxxxxx -Hardware details

HW:	GTauto2
Boot:	GT2_071125
sw:	GTauto v3 090419

Programme version is also visible below:

COM16 Connected GTauto v3 090419