

Topkondas

GTM1

GSM Controller

REG ☐
DATA ☐
PWR ☐
FN ☐

DC 10-30V
AC 12-24V
Max 0.5A

Outputs 1A
AUX+ 10-30V/1A

Inputs/
Outputs

D0/D1
WIEGAND
Reader

Analog
Inputs
0-30V
4-20mA

1-WIRE
Sensors
iButton

AC/DC

AC/DC

OUT1

AUX+

OUT2

IO1

IO2

IO3/D0

IN1/D1

COM

1W

+5V

TPS12

V-

V+

BAT+

BAT-

AC OK

BAT FAULT

AC/N

No PIN

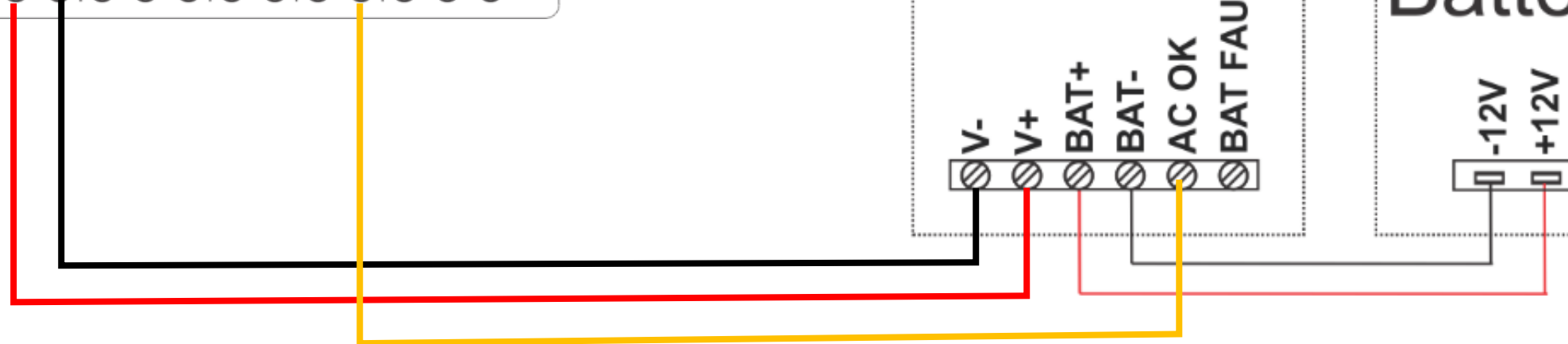
AC/L

AC 90-260V

Battery

-12V

+12V



Prepare the module GTM1

- Insert SIM card
- Screw GSM antenna

How to configure the module GTM1 for AC failure, restore function

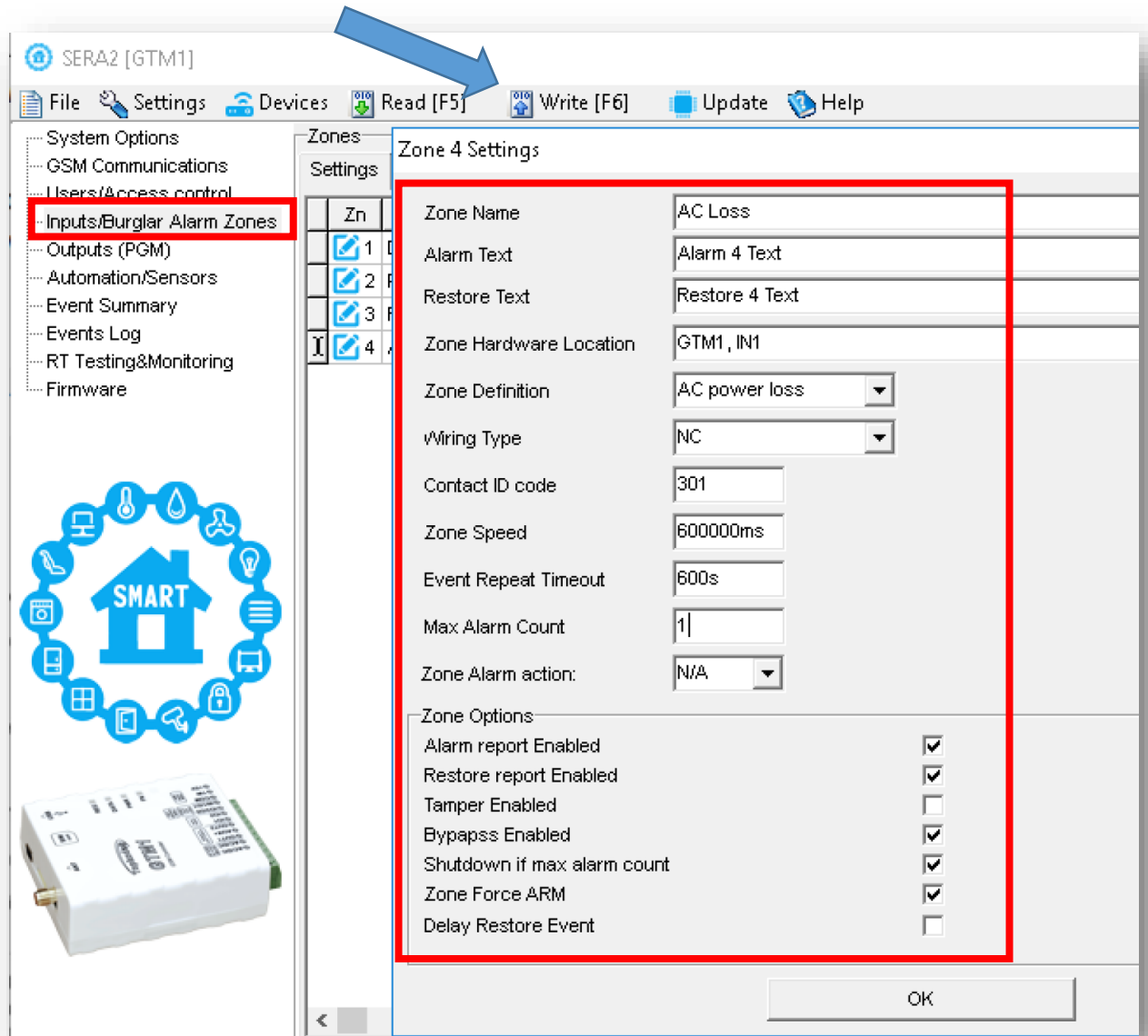
- Connect the module to the computer via mini USB cable
- Start free configuration program Sera2
- You will find it in <https://www.topkodas.it/> website
- HELP & SUPPORT> Downloads

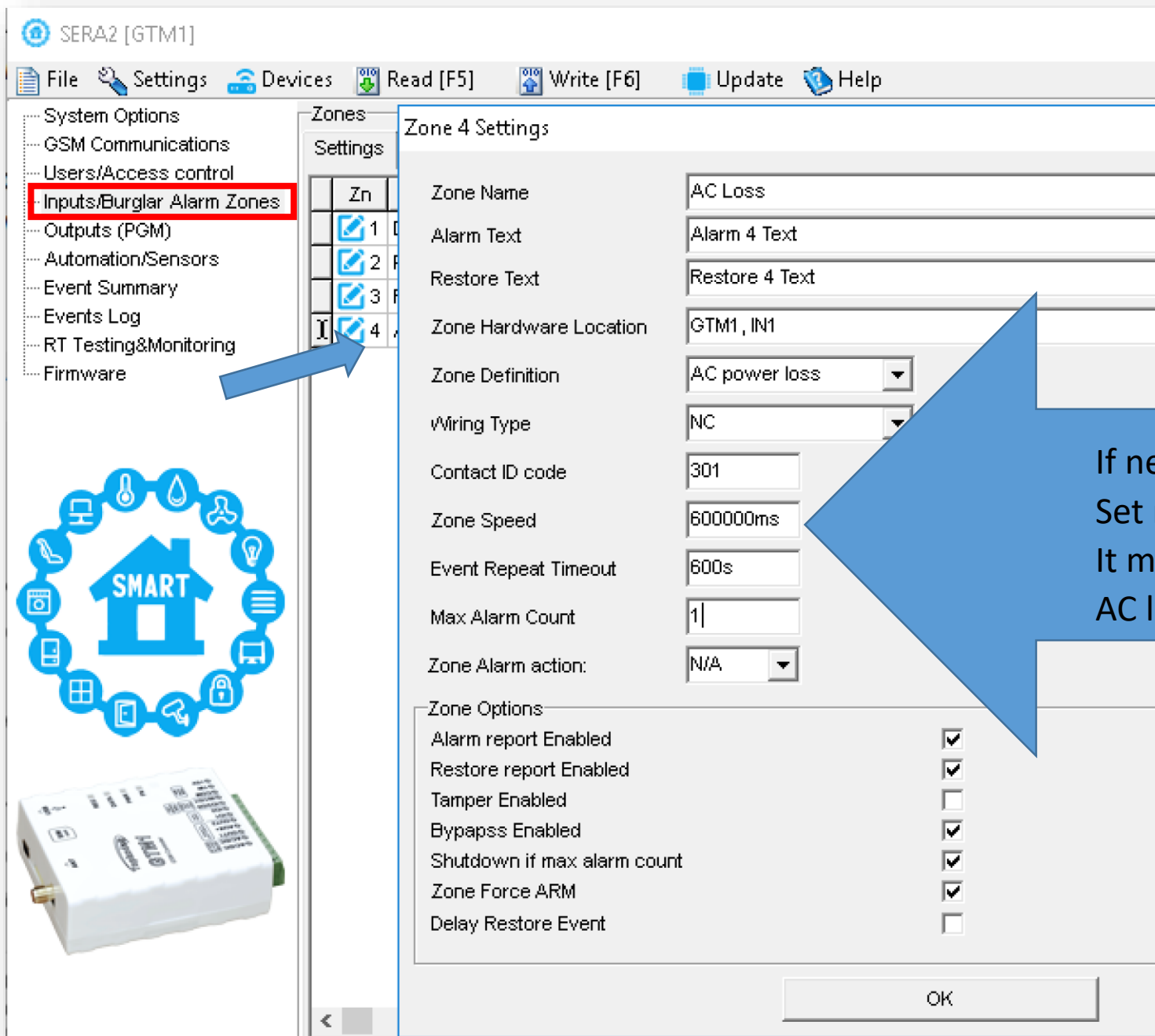
- Go to SERA2> Inputs/ Burglar Alarm Zones
- Double click on the 4th row

The screenshot shows the SERA2 [GTM1] software interface. On the left is a navigation tree with the following items: System Options, GSM Communications, Users/Access control, **Inputs/Burglar Alarm Zones** (highlighted with a red box), Outputs (PGM), Automation/Sensors, Event Summary, Events Log, RT Testing&Monitoring, and Firmware. The main window displays the 'Zones' settings tab, which contains a table with 14 columns: Zn, Zn Name, Zone Hardware Input, Definition, Type, CID, Bypass, Tamper, Shutdown, Force, Report A, Report R, Speed, and an expand/collapse icon. The table lists four zones, with the fourth row (Zn 4, AC Loss) highlighted with a red box.

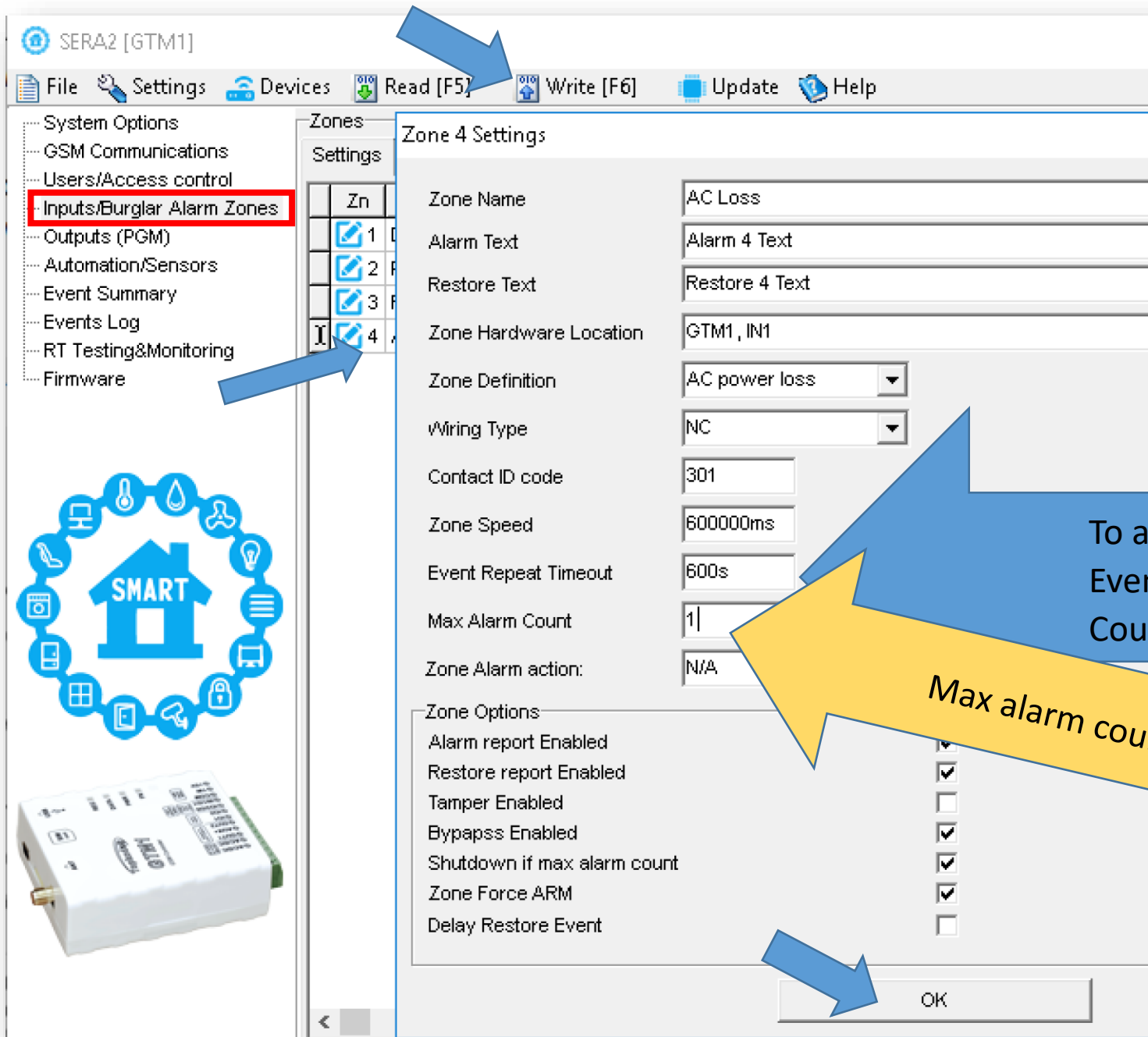
Zn	Zn Name	Zone Hardware Input	Definition	Type	CID	Bypass	Tamper	Shutdown	Force	Report A	Report R	Speed	
1	Door	GTM1, IO1	delay (Entry/Exit)	NO	134	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	200ms	
2	PIR	GTM1, IO2	follow/interior	NO	130	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	200ms	
3	Fire	GTM1, IO3	fire	NO	110	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	200ms	
4	AC Loss	GTM1, IN1	AC power loss	NO	301	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	200ms	

- Enter the required parameters.
- Press “Write” icon
(in the command line.)





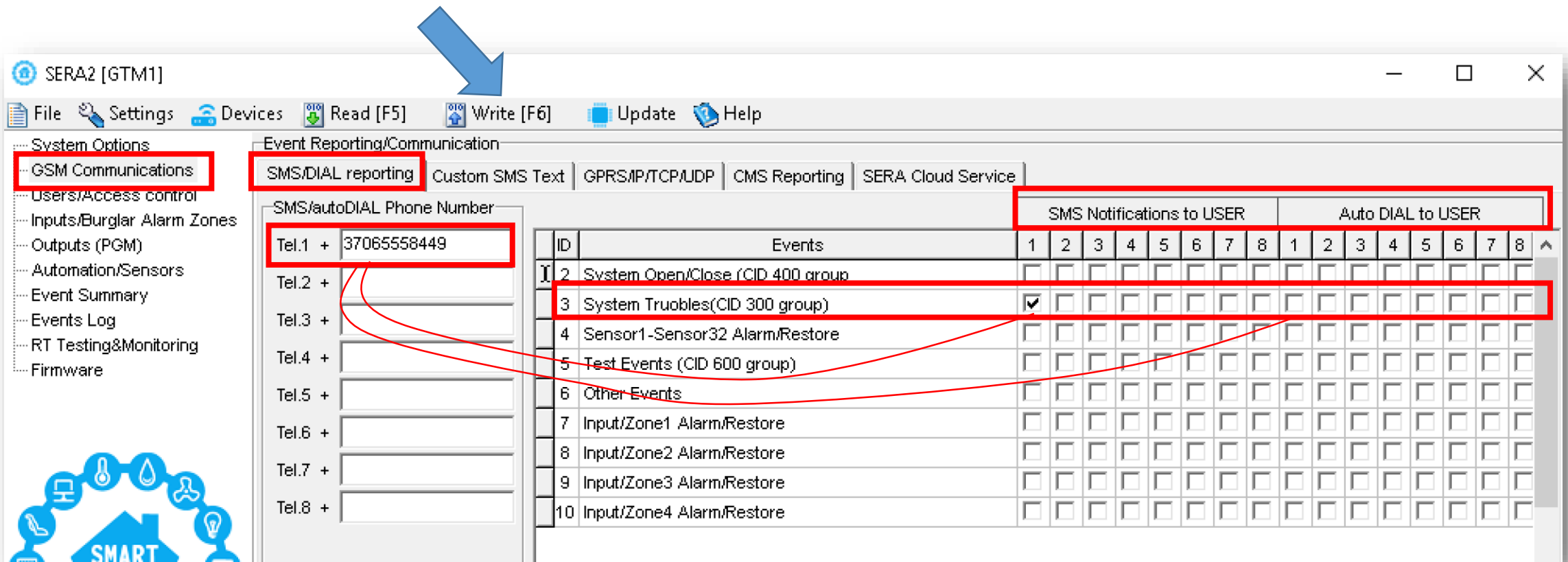
If needed to eliminate short AC grid disturbance
Set min 60000ms
It means if AC loss time is more than 1 min
AC loss event will be detected



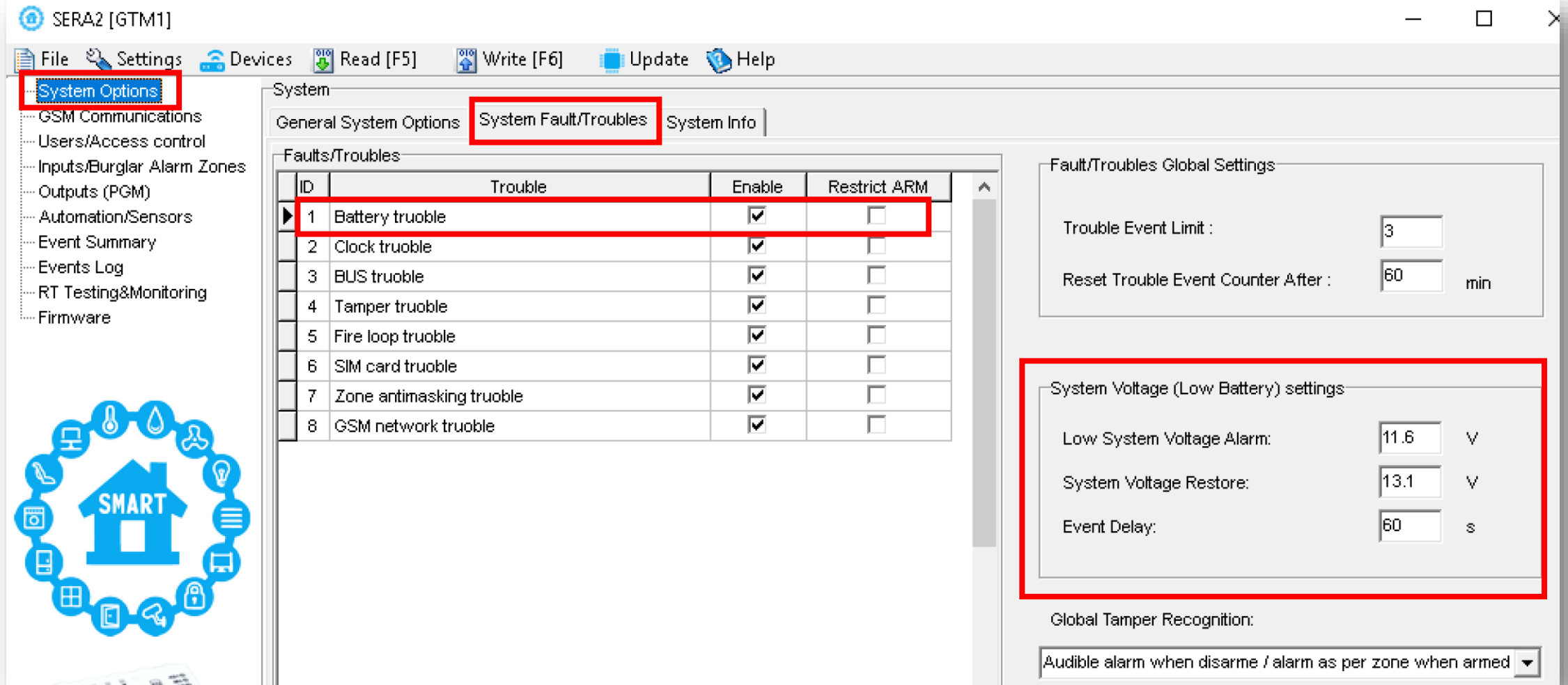


SMS alarms

SERA2> GSM Communication> SMS/ DIAL reporting



SERA2> System Options> System Fault/ Troubles



The screenshot displays the SERA2 [GTM1] software interface. The left sidebar shows a tree view with 'System Options' highlighted. The top toolbar contains icons for File, Settings, Devices, Read [F5], Write [F6], Update, and Help. The main content area is titled 'System' and has three tabs: 'General System Options', 'System Fault/Troubles' (which is selected), and 'System Info'. Below the tabs is a table titled 'Faults/Troubles' with columns for ID, Trouble, Enable, and Restrict ARM. The first row, '1 Battery trouble', is highlighted. To the right of the table are two sections: 'Fault/Troubles Global Settings' and 'System Voltage (Low Battery) settings'. The 'System Voltage (Low Battery) settings' section is highlighted with a red box and contains three settings: 'Low System Voltage Alarm' (11.6 V), 'System Voltage Restore' (13.1 V), and 'Event Delay' (60 s). At the bottom, there is a 'Global Tamper Recognition' section with a dropdown menu set to 'Audible alarm when disarm / alarm as per zone when armed'.

System

General System Options System Fault/Troubles System Info

Faults/Troubles

ID	Trouble	Enable	Restrict ARM
1	Battery trouble	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Clock trouble	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	BUS trouble	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Tamper trouble	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Fire loop trouble	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	SIM card trouble	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	Zone antimasking trouble	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	GSM network trouble	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fault/Troubles Global Settings

Trouble Event Limit : 3

Reset Trouble Event Counter After : 60 min

System Voltage (Low Battery) settings

Low System Voltage Alarm: 11.6 V

System Voltage Restore: 13.1 V

Event Delay: 60 s

Global Tamper Recognition:

Audible alarm when disarm / alarm as per zone when armed

SERA2> GSM Communication> Custom SMS text

SERA2 [GTM1]

File Settings Devices Read [F5] Write [F6] Update Help

System Options
GSM Communications
Users/Access control
Inputs/Burglar Alarm Zones
Outputs (PGM)
Automation/Sensors
Event Summary
Events Log
RT Testing&Monitoring
Firmware

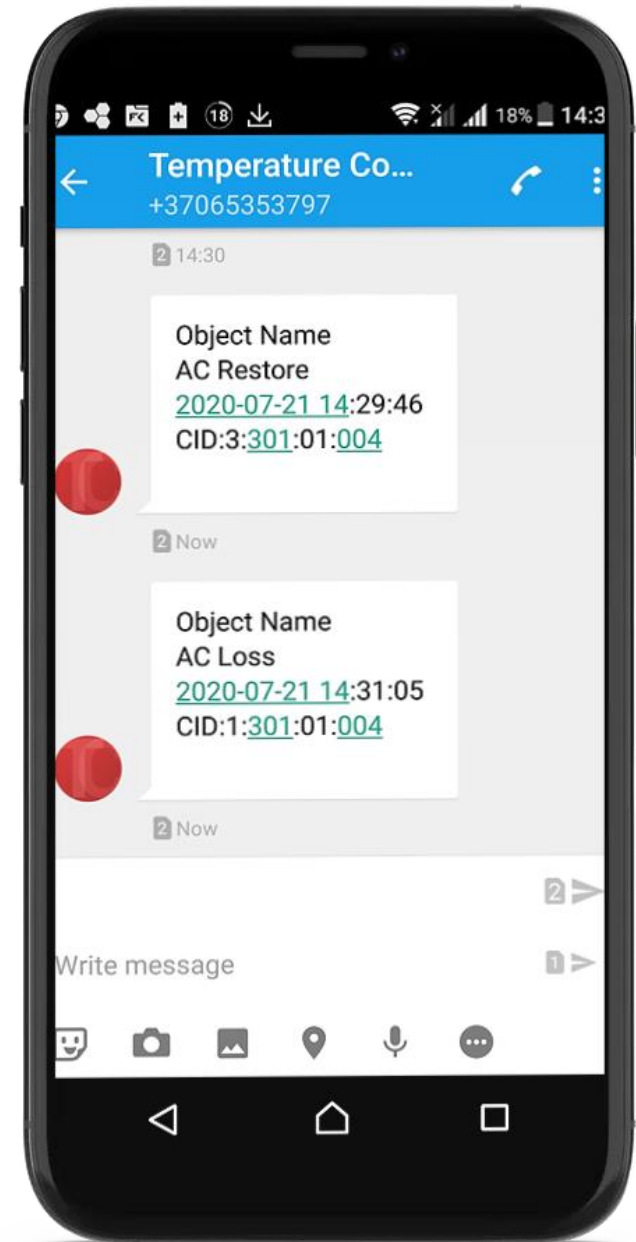
Event Reporting/Communication

SMS/DIAL reporting **Custom SMS Text** GPRS/IP/TCP/UDP CMS Reporting SERA Cloud Service

ID	Text Description	SMS Text
1	Alarm	Alarm
2	Restore	Restore
3	Open	Open
4	Close	Close

Edit text

ALARMS to your mobile



It is necessary to follow all electrical safety requirements

More information via email:



info@topkodas.it