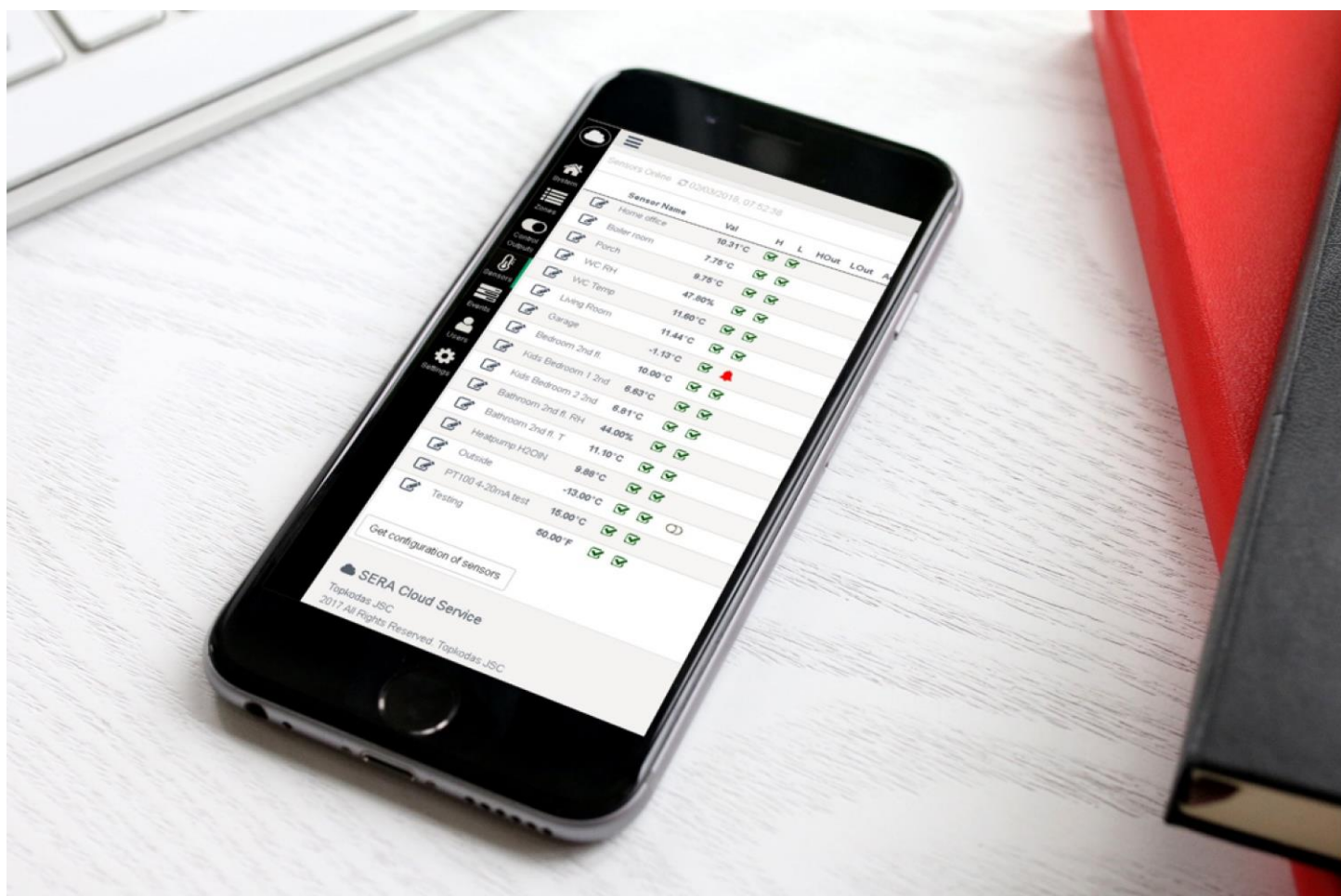


GTalarm2

Interactive Solution



Mobile App for Android User Guide

Monitoring, alarm, control.

This user guide includes steps to set up and use your system.

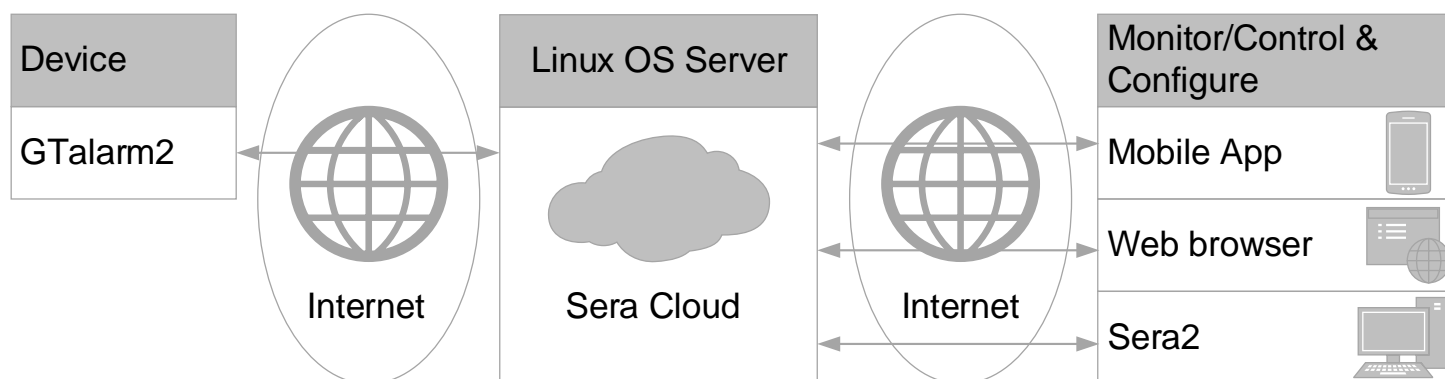


SERA Cloud applications designed to make easier using of GTalarm2 devices. Install APP on your smartphone device and try unlimited security and control functionality:

- Building/Home/Boat /Office automation make it smart;
- HVAC and humidity control and ventilation systems;
- Heating, and air conditioning, temperature, humidity control;
- Building management system;
- Access control (AC) , gate, door, etc...
- Security system integrated with automation;
- Remote control and monitoring various devices;
- Protect and monitoring your home, boat, car;
- Control and track your home status;
- Make your home a SMART HOME;

Discover new control usability with "SERA Cloud" application.

With SERA Cloud application you can remotely monitor and control your devices and accessories, using any Android device. Arm, disarm, faults, temperature. Remotely to control connected devices. Dedicated for GTalarm2 devices.



- + Real-time monitoring via mobile app or WEB browser.
- + Control via mobile app, WEB browser and Sera2 software.
- + Remote configuration via Sera2 software.
- + Automated registration using Unique ID of the device and connection control.
- + Data transfer to the Sera Cloud server.

The meaning of icons in the manual:

!	i
Very important	Important

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1 Install “Sera Cloud” app

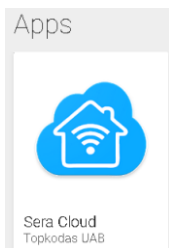


Figure 1 Sera Cloud app

Search on <https://play.google.com> or on your Android device for “Sera Cloud” app and install.

<https://play.google.com/store/apps/details?id=com.sera.cloud>

Or just scan QR code



To start the app, tap the launch icon on the home screen of your mobile device. This app requires your mobile device to be connected to the Internet.



Figure 2 QR code

2 Create account and Log In

1. Turn on Wi-Fi or mobile data in your phone
2. Open app
3. Press “Create account” Fig 4 and Fig 5 window will appear.
4. Enter Username, Email, Password and press “Register” button.



The note “You are registered successfully. Click here to Login” will appear.

5. Enter Username, password and press Login.



After your first sign-in, your mobile device remembers your username.

Figure 3 Create Account window

Figure 4 Log In window

3 Add new system

1. Prepare GTalarm2 module according to the user manual. Add SIM card with mobile data support. Activate **SERA Cloud service** on your module Figure 8. Be sure you module registered on mobile network.
2. Enter Device UID/IMEI/MAC It is written in Sera2>System Info. Or using SMS command device info request: `USER123456_100_1`
3. Enter app key. It must be the same as in Sera2> GSM communications > Sera Cloud Service. Default 123456.
4. Mark on the “Enable” field.
5. Enter „User Code to Control System“. It must be the same as “Keypad code” in the Sera2> “User/ access control” Default 123456
6. Press “Add System”.

Figure 6 Add new system window

Figure 5 Device IMEI

ID	En	Name	Type	Phone	iButton Code	RFID Keycard	Keypad Code	OUT	ARMDISARM	MIC	Temp	Start Date	End Date
1	<input type="checkbox"/>	Master	User	+	000000000000	0000000000	*****	NONE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2018-03-02 09:03:02	2018-03-02 09:03:02
2	<input type="checkbox"/>	User	User	+	000000000000	0000000000	*****	NONE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2018-03-02 09:03:02	2018-03-02 09:03:02

Figure 7 User Code to Control System. Default 123456

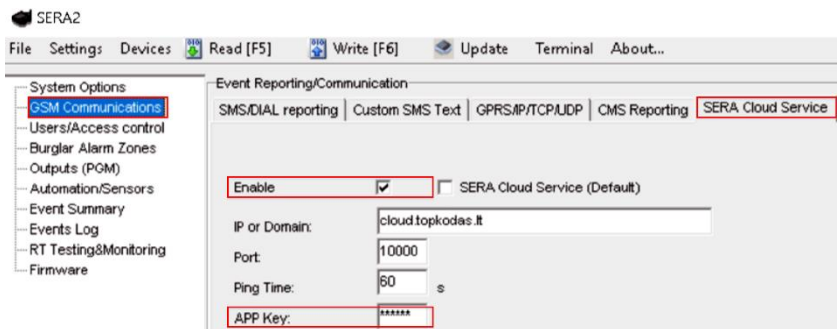


Figure 8 App Key. Default 123456

4 Forgot the password or username

1. Press the link "Lost your password".
2. Enter user's email and press "Submit".
3. Temporary password will be send to the email.
4. Change temporary password. Press on your user profile.

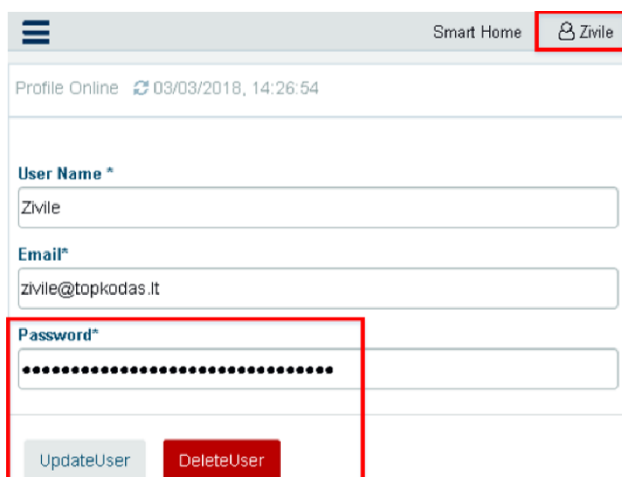


Figure 11 Change temporary password in the user profile

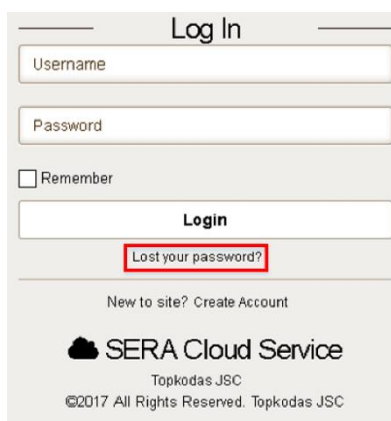


Figure 9 Press on the lost password

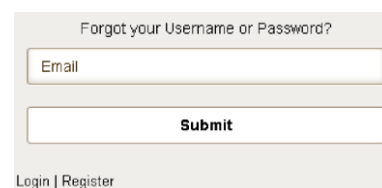


Figure 10 Enter your email and press submit

5 Add new system or edit current system

It is possible to add new system or edit current system parameters in this area

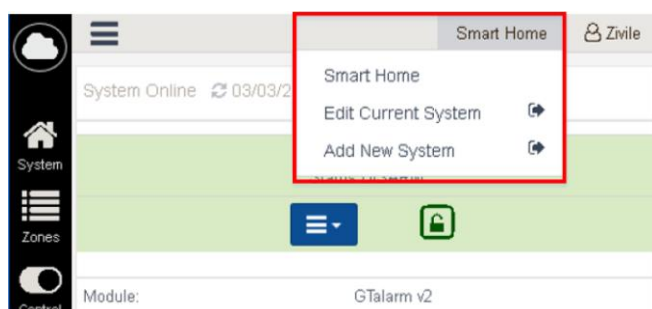
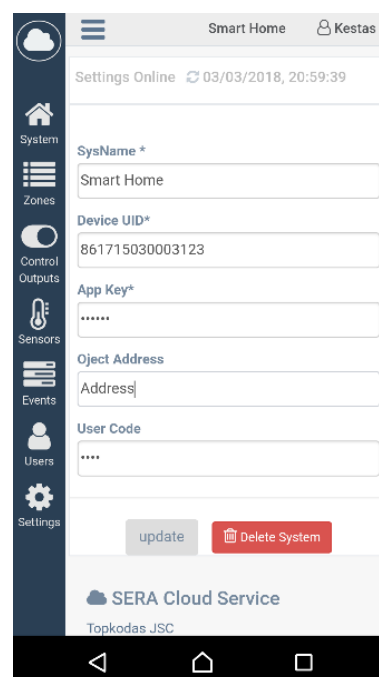
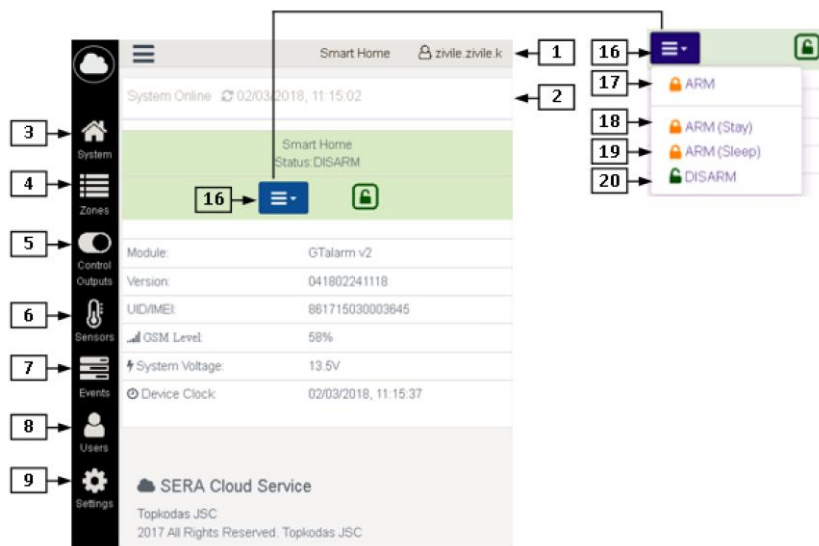


Figure 12 Edit current system or add new system



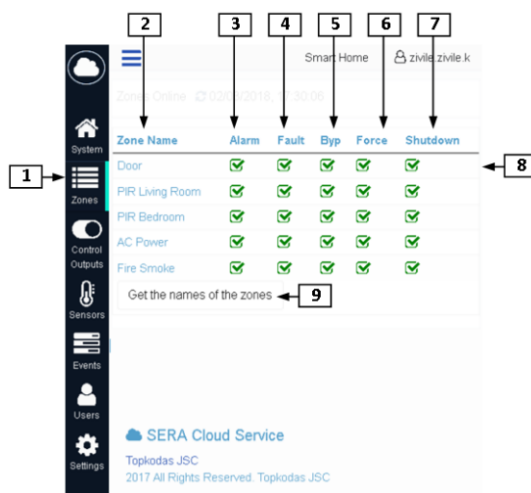
6 Every field explanation.

6.1 Menu. General system information.



- 1 User name
- 2 System status and current data and time
- 3 General system information
- 4 Security system zones window
- 5 Outputs window for remote control purpose
- 6 Sensors, automation window for remote monitoring purpose
- 7 System events window. All system events: alarms, control, system status etc. displayed in this window
- 8 Users list for remote control purpose
- 9 General system settings
- 16 System status
- 17 System armed. Instant alarm when violated.
- 18 The controller will auto bypass the zone if Armed in the Stay mode
- 19 a
- 20 System disarmed. The system will not generate alarm.

6.2 Zones



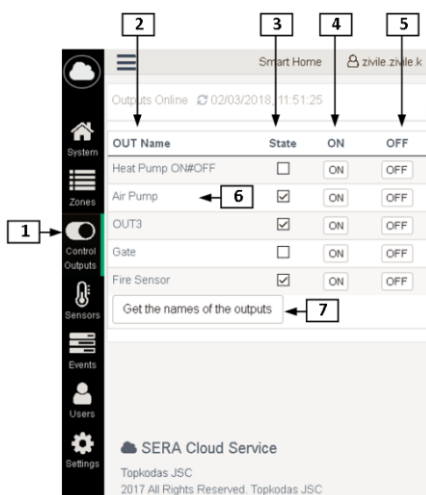
- 1 Security system zones window
- 2 Zone name
- 3 Zone alarm enabled
- 4 Zone fault events will be generated
- 5 Zone bypass enabled. Zone temporary suspended.
- 6 Zone force enabled. The system will automatically bypass the zone.
- 7 Zone shutdown enabled. Will not send alarm events, when max alarm count will be reached.
- 8 Configuration of the zone
- 9 All zone information could be displayed



Bypassed zone means, that the zone is disabled, will not cause alarms, until the system is next disarmed. The reason could be a faulty zone or a window that wanted to open and close when the system is armed. Remember that BYPASS is temporary until the system is disarmed. A 24 hour zone cannot be bypassed.

An important difference is that a force-armed zone is ignored or disabled until it is closed again after which the zone is enabled i.e. violation WILL cause an alarm. Bypassed zones can be open and closed without causing an alarm, until the system is disarmed.

6.3 Control outputs



- 1 Outputs window for remote control purpose
- 2 The name of the output
- 3 Output state: ON or OFF
- 4 Switch the output ON by pressing ON button
- 5 Switch the output OFF by pressing OFF button
- 6 If all outputs should be displayed, press "Get the names of the outputs" button.

1

System

Zones

Control Outputs

Sensors

Events

Users

Settings

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Sensors Online

02/03/2018, 11:53:13

Sensor Name	Val	H	L	HOut	LOut	Active	HVO	HVA	HH	LVO	LVA	LH
Home office	10.88°C	✓	✓			✓	30.00°C	30.00°C	1.00°C	4.00°C	4.00°C	1.00°C
Boiler room	7.69°C	✓	✓			✓	90.00°C	100.00°C	1.00°C	6.00°C	4.00°C	1.00°C
Porch	9.94°C	✓	✓			✓	90.00°C	100.00°C	1.00°C	6.00°C	4.00°C	1.00°C
WC RH	48.70%	✓	✓			✓	60.00%	100.00%	20.00%	6.00%	4.00%	20.00%
WC Temp	11.40°C	✓	✓			✓	89.50°C	99.20°C	1.70°C	5.90°C	3.90°C	1.70°C
Living Room	11.75°C	✓	✓			✓	90.00°C	100.00°C	1.00°C	6.00°C	4.00°C	1.00°C
Garage	-0.75°C	✓	✗			✓	90.00°C	100.00°C	1.00°C	6.00°C	4.00°C	1.00°C
Bedroom 2nd fl.	10.88°C	✓	✓			✓	90.00°C	100.00°C	1.00°C	6.00°C	4.00°C	1.00°C
Kids Bedroom 1 2nd	6.88°C	✓	✓			✓	90.00°C	100.00°C	1.00°C	6.00°C	4.00°C	1.00°C
Kids Bedroom 2 2nd	7.06°C	✓	✓			✓	90.00°C	100.00°C	1.00°C	6.00°C	4.00°C	1.00°C
Bathroom 2nd fl. RH	42.30%	✓	✓			✓	60.00%	100.00%	20.00%	6.00%	4.00%	20.00%
Bathroom 2nd fl. T	12.00°C	✓	✓			✓	90.00°C	100.00°C	1.00°C	6.00°C	4.00°C	1.00°C
Heatpump.H2OIN	9.50°C	✓	✓			✓	90.00°C	100.00°C	1.00°C	6.00°C	4.00°C	1.00°C
Outside	-4.06°C	✓	✓	✗		✓	2.50°C	2.50°C	1.00°C	-22.00°C	-22.00°C	1.00°C
PT100 4-20mA test	15.05°C	✓	✓			✓	25.30°C	50.00°C	1.00°C	10.80°C	-5.80°C	1.00°C
Testing	50.45°F	✓	✓			✓	25.30°F	145.00°F	1.00°F	10.80°F	-5.80°F	1.00°F

Get configuration of sensors

SERA Cloud Service

Topkodus JSC

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Figure 13 Sensors, automation window for remote monitoring purpose

Figure 14 shows the 'Sensor1 Home office' edit window. It features two sections for setting limits: 'Max/High Setpoints/Limits' and 'Min/Low Setpoints/Limits'. Each section includes input fields for 'Output Control', 'Alarm Event', and 'Hysteresis', along with a checkbox for 'Enable Alarm Event' and a 'Control' dropdown menu. The bottom of the window contains fields for 'Name*' and 'Unit*', and 'Cancel' and 'Save' buttons.

- 1 Sensors, automation window for remote monitoring purpose
- 2 Edit sensor information Double click on this icon and sensor edit window will be displayed.
- 3 The name of the sensor
- 4 The value of the sensor parameter
- 5 High/ Max value alarm event enabled
- 6 Low/ Min value alarm event enabled
- 7 High/ Max value to activate output is set
- 8 Low/ Min value to activate output is set
- 9 Output activation enabled or disabled
- 10 HVO high value output control
- 11 HVA high value alarm event
- 12 HH high value hysteresis
- 13 LVO low value output control
- 14 LVA low value alarm event
- 15 LH low value hysteresis
- 20 Save settings or cancel
- 17 OK
- 18 Alarm
- 19 Control ON or OFF

Figure 14 sensor edit window. Double click on the 2 icon

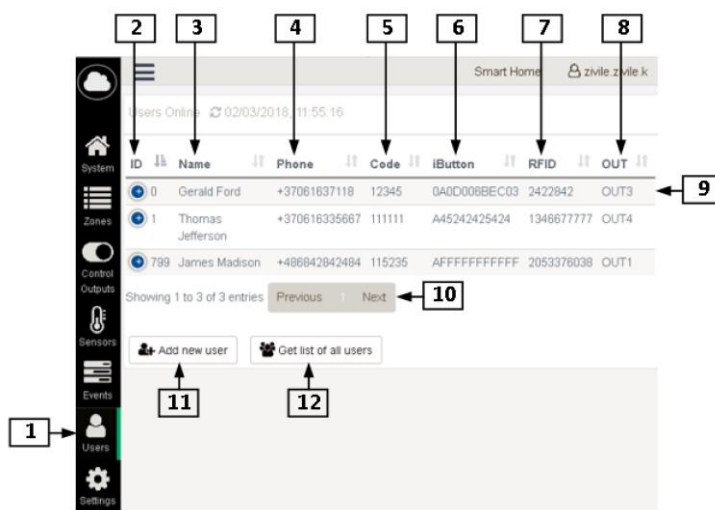
6.5 Events

Figure 15 shows the 'System events window'. It displays a list of events with columns for 'Event' and 'Time'. The events include 'Testing Max Value Restore Val: 51.13°F', 'Periodical test Sytem State: DISARM Voltage: 13.5V GSM Signal: 5', 'Testing Max Value Alarm Val: 50.00°F', 'Home office Min Value Restore Val: 5.38°C', 'Testing Max Value Restore Val: 48.54°F', 'Home office Min Value Alarm Val: 2.94°C', 'Periodical test Sytem State: DISARM Voltage: 13.5V GSM Signal: 5', and 'Testing Max Value Alarm Val: 50.00°F'. The 'Events' icon in the sidebar is highlighted.

- 1 System events window. All system events: alarms, control, system status etc. displayed in this window
- 2 Event decryption
- 3 Event date and time
- 4 All event information

Figure 15 System events window

6.6 Users. Remote control.



- 1 Users list for remote control purpose
- 2 User identification number. It is possible to add up to 800 users for remote control purpose.
- 3 User name
- 4 User phone number
- 5 Keypad control code
- 6 Control with iButton code. It is written on the other side of the iButton

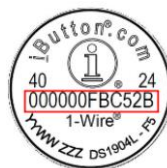


Figure 16 How to find iButton code



- 7 Control with RFID code
- 8 Which output will be controlled
- 9 All information about the user
- 10 Next or previous user information will be displayed
- 11 Press this button if it is required to add new user.
- 12 All users list is displayed by pressing this button.
- 13 Click on the "Add new user" button. And "Edit User" window will be displayed.
- 14 Set iButton/ RFID/ Call action : ARM/DISARM or activate microphone (MIC)
- 15 Set options:
- Enabled – output control is enabled
- Temporary access – reservation time set is enabled.
- 16 Reservation time start date and time
- 17 Reservation time end date and time.
- 18 Save settings or Cancel.

6.7 Settings



- 1 General system settings
- 2 The name of the system
- 3 Device UID (It is written in Sra2> System Options> System Info)
- 4 App Key. It is written in Sra2> GSM communications > Sera Cloud Service. Default 123456
- 5 Physical address of the object.
- 6 User code is the same as "Keypad code" in the Sra2> "User/ access control" Default 123456
- 7 Update the system by pressing this button
- 8 Delete the system by pressing this button