

# INSTANT GSM 4G SOCKET

## User Manual

The INSTANT GSM 4G SOCKET is a wireless intelligent control socket designed for the remote control of devices powered by mains voltage (230V/50Hz/16A), such as heating, cooling or ventilation equipment, and light sources. It is an ideal solution for the automation and control of apartments and houses without the need for construction or building installation work.



### GENERAL INFORMATION:

Package contents: Instant GSM 4G Socket, temperature sensor, user manual.

The device is delivered ready for use. Each socket contains a permanently built-in industrial SIM card with a prepaid 500 MB data package valid for 5 years, suitable for GSM network communication.

**WARNING! The SIM card is exclusively intended for data transmission and operates only in devices developed and operated by MOHAnet Zrt.. It cannot be used in other mobile devices. The SIM card is not suitable for voice-based services.** The amount of data used can be monitored in the application.

For telecommunication, data, and service security reasons, the GSM socket must be used at least once a year (every 365 days).

**WARNING: After 1 year of inactivity, the service will be terminated.** In such cases, the manufacturer and seller shall not be held liable. In the event of inactivity exceeding 1 year, or use beyond 5 years, the company excludes all liability with regard to ensuring data transmission.

**WARNING: The device is intended for indoor use only. Its enclosure has an IP30 protection rating and is not drip-proof or waterproof.**

Any electrical device operating at a nominal voltage of 230V and equipped with a standard electrical plug may be connected to the GSM socket. The relay controlling the GSM socket has a maximum peak load of 16A, allowing an electrical device with a power rating of 2.5 kW (2500W) to be connected without issue, which corresponds to approximately 11A load. The maximum power capacity is 3500W (3.5 kW).

**WARNING! The switched socket is designed for single-pole control and is not suitable for providing electrical isolation for safety purposes. Do not connect the device to circuits supplying equipment that starts with a high inrush current after a power outage (e.g. refrigerators).**

### COMMISSIONING STEPS:

1. Connect the temperature sensor and power on the Instant GSM 4G Socket.
2. Enable Bluetooth on your phone.
3. Download the application and grant the required permissions.




Instant GSM  
MOHAnet Mobilsystems Zrt.

4. Add a new device.

Add your devices to the application!

ADD A NEW DEVICE

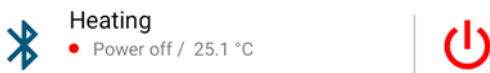
5. Pairing the Device  pairing icon – pairing the selected Instant GSM 4G Socket

 Icon – Device not found

- Help
- Sort by signal strength
- Restart scanning
- Restart the phone and the device

## 6. Add device to the list

- The device name can be modified
- Password entry – not required, but recommended



## 7. Devices screen:

- Device name
- Connection method (Bluetooth / GSM )

On/Off status (Off / On status icon) and temperature [°C]

The socket can be controlled immediately from the home screen using the On/Off icon.

Multiple GSM sockets can be added to the application, each with different configuration options. The unique identification of the socket is based on the identification QR code located on the device.

For more detailed information, tap on the device name on the Devices screen.

## USAGE, PROGRAMMING

**Disconnecting the Bluetooth connection** – If you want to connect to another Bluetooth device, the GSM socket can be disconnected. Apart from firmware updates, all functions are available online via the GSM network.

**Online status query** – Remote query of the current switching status. When the Instant GSM 4G Socket moves out of Bluetooth range, it automatically switches to the online GSM connection, and switches back to the Bluetooth connection when it is within range again, provided it has not connected to another phone in the meantime.

**Switching on** – Direct control is also available in this window.

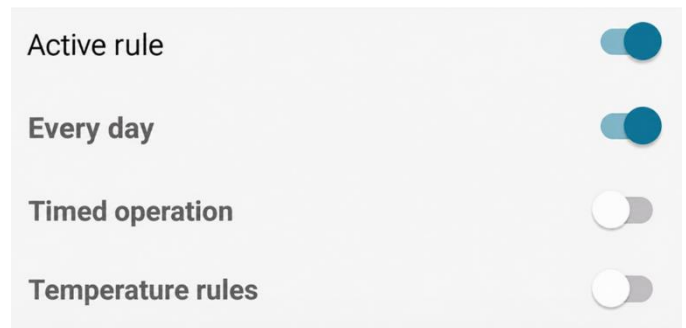
**Switching off** – The execution of the switching action is indicated by a change in the icon's color.



- With rules, you can define time intervals during which the socket should be switched on.

- With temperature rules, you can specify the temperature range within which the socket should be switched on.

Operating rules can be created using the icon, allowing you to set automatic switching commands for the Instant GSM 4G Socket. Function of the sliders on the home screen:

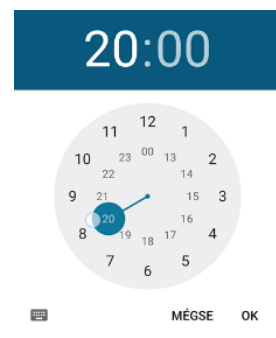


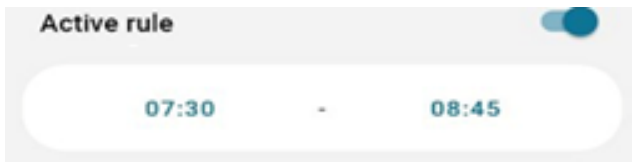
**Active rule:** All automatic operating rules of the device can be enabled or disabled without deleting the settings.

This option allows you to create multiple rules when configuring the GSM socket, which can be enabled or disabled as desired by changing the state of the slider.



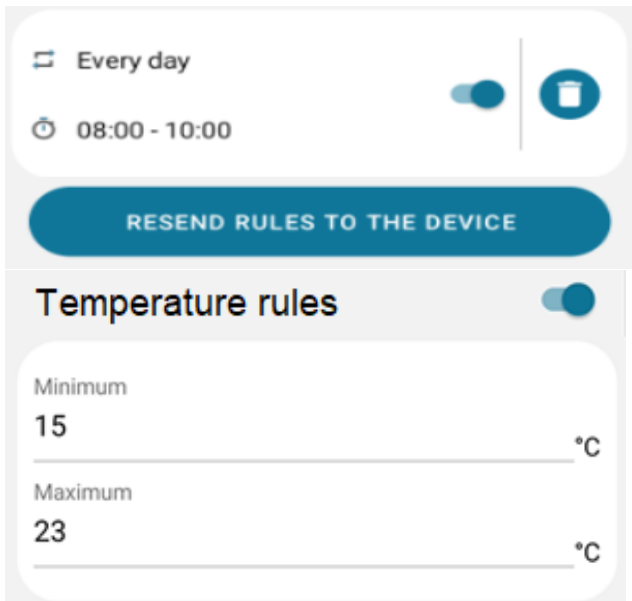
**Every day:** It is possible to create a daily operating rule, but it can also be limited to specific days defined by the user.





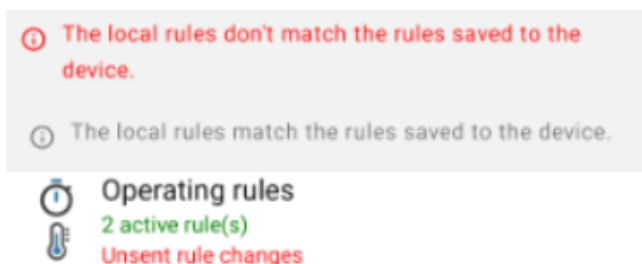
By setting timed operation, you can define the period during which the device should remain switched on.

By clicking **SAVE**, the created rule is added to the program list, which can be uploaded to the device after all rules have been created by pressing the **Send Rules** button. The created rule is also added to the list if you leave the settings page using the back arrow.

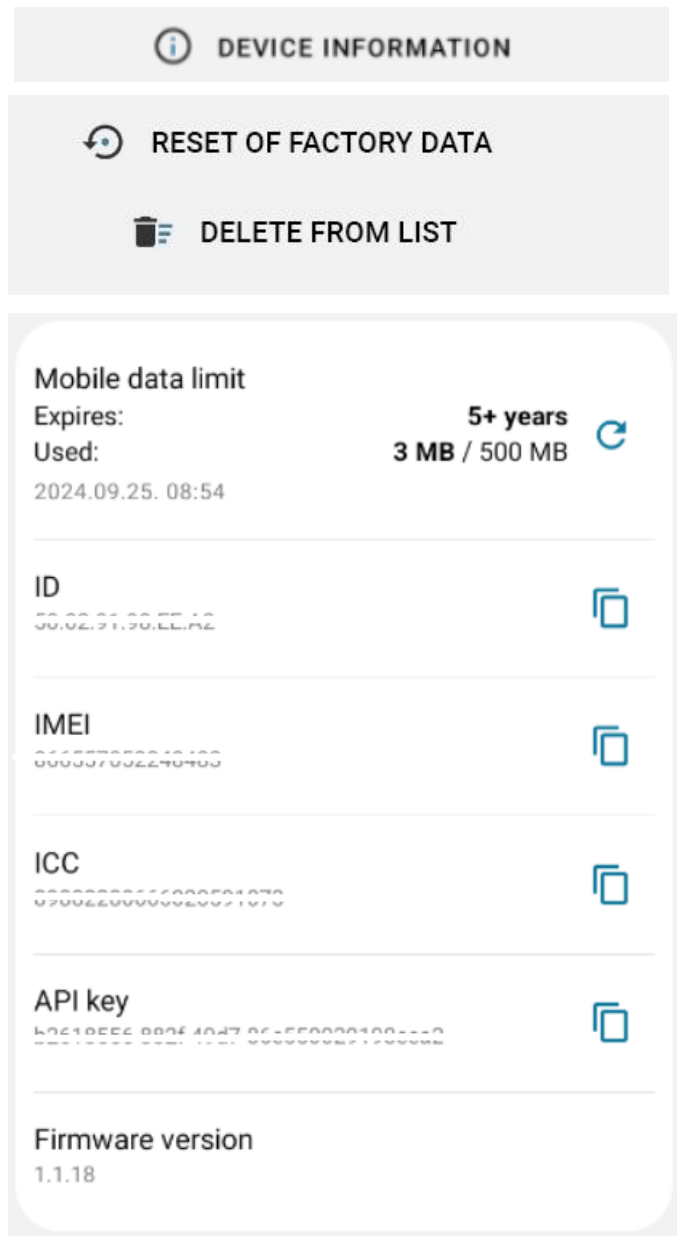


**Temperature rules:** In the example, the GSM socket controls a heating device. Heating starts at 15°C and switches off at 23°C. This is a non-timed rule configured for every day. A daily or weekly program can also be created, taking into account periods of absence and time spent at home. By clicking **SAVE**, the created rule is added to the program list, which can be uploaded to the device by pressing the **Send Rules** button.

The application warns the user if the rules stored in the socket memory do not match the rules created in the application.



After a successful upload, the socket operates according to the configured program.

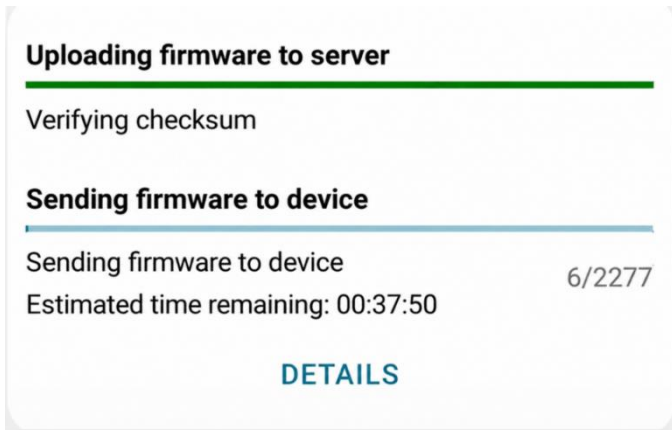


Here, the device name can be edited, and a separate short description of its function can also be entered (for example, the name of the room where the device is installed).


**Technical data:** Each socket contains a permanently built-in industrial SIM card with a prepaid 500 MB data package valid for 5 years (see: General Information). Here, you can monitor how much time has elapsed since registration and how much data traffic the device has generated.

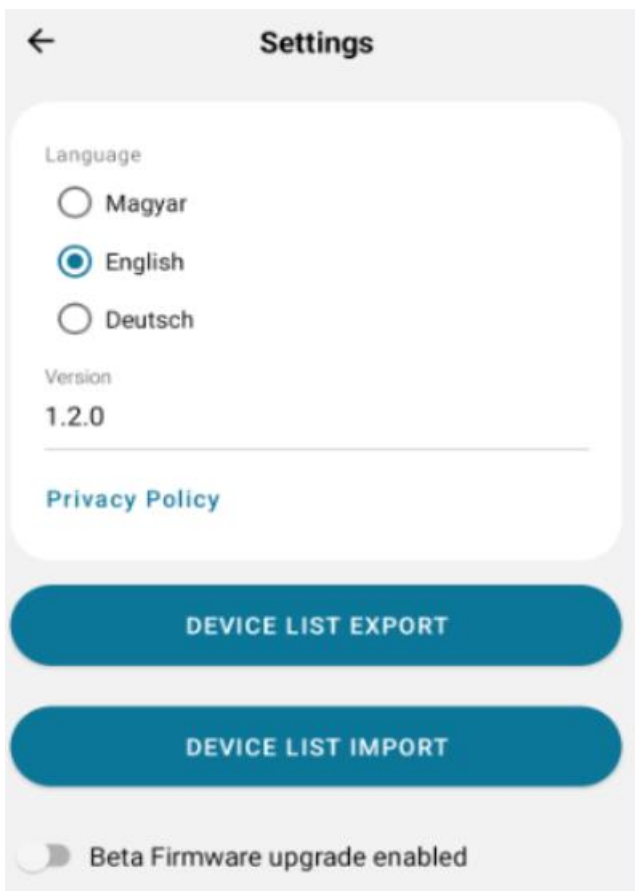
**Identifier, IMEI, ICC:** unique identifiers of the device and the SIM card.

By sharing the API key, the number of mobile devices controlling the GSM socket can be increased. The new user can use the API key in the **Add New Device** window to assign the GSM socket to the application.



Here, it is also possible to reset the device to factory settings and remove it from the application.

By tapping  the icon, you can access the Settings window.



The desired language can be selected here.

The application version is displayed here, and information regarding the data handling policy is also available.

The device list export/import function supports sharing the use of the device. If you would like to share access to the device with others, this can most easily be done using the device list export/import function. By tapping **Device List Export**, the devices to be shared can be selected. The list can be saved or shared immediately using the phone's contacts. The file name format is: **device-list-date+serialnumber.json**.

## GENERATE API KEY

## IMPORT DEVICE LIST

By downloading the application and importing the list, the GSM socket can be used online immediately. The **Import Device List** button can be found in the **Add New Device** window. It is also possible to register a new device here using a shared API key.

The application indicates if the shared device has not yet been connected via Bluetooth. This is important because the device will not switch to Bluetooth mode when it comes within range.

It is recommended to set up Bluetooth pairing at the earliest opportunity.

**Thank you for choosing our product!**

**The GSM socket is covered by a 2-year warranty.**

If you register your product on the [www.gsmkonnektor.hu](http://www.gsmkonnektor.hu) website under the **“Warranty Extension”** menu, an additional 1-year warranty will be provided for the product. Further information about the terms of the warranty extension can be found at the bottom of the website.



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