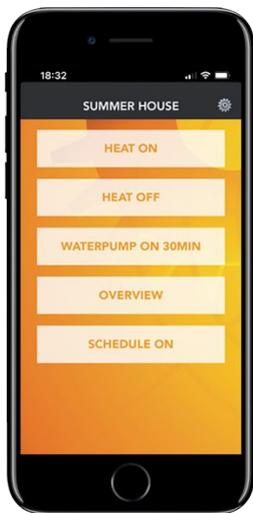


OTAC-SW22T AC/DC H01A



2ch LTE (4G) remote controlled relay



-HOUSE HEAT-
ON FOR 4H, 58M

-WATERPUMP-
OFF

-ALARM-
ACTIVE < ALERT!

-WATER SENS-
INACTIVE

TEMP: 22C

SIG: 90%



| | |
|--------------------|--------------------------------|
| Document Title: | otac_sw22t_acdc_h01a_en_manual |
| Document Version: | 1.00 |
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| For Unit-Firmware: | >= v1.00 |

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1. Description

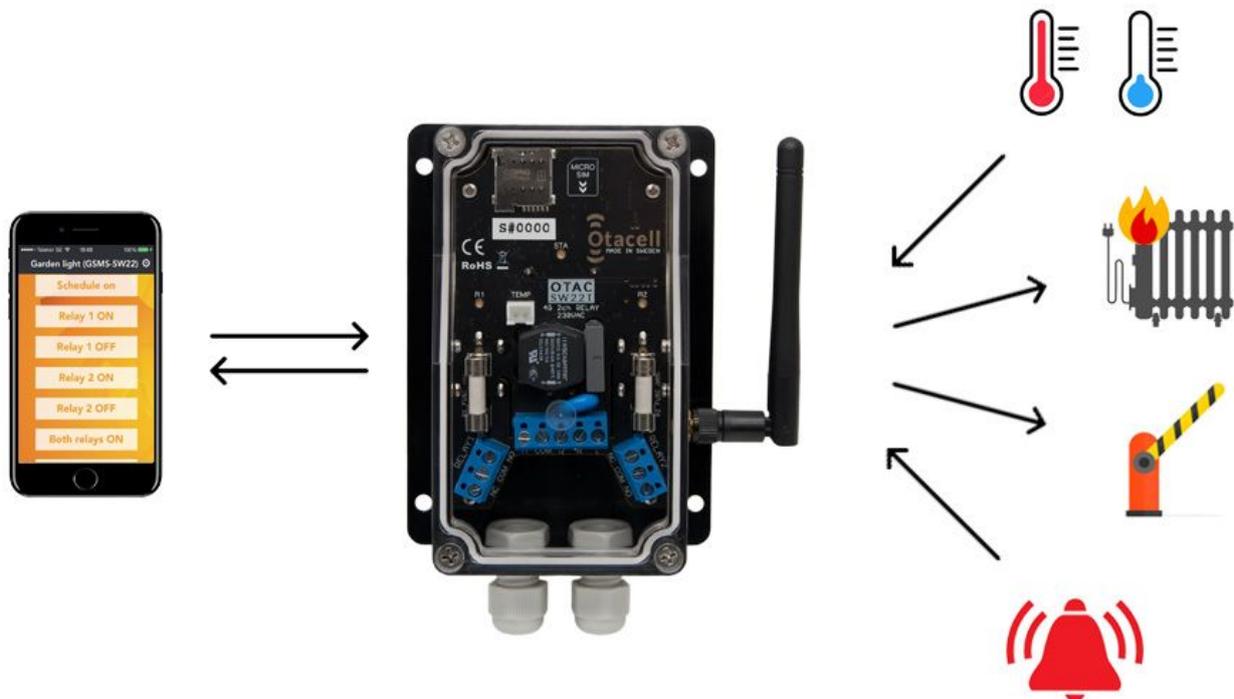
OTAC-SW22T makes it possible to individually control **two 5A relays** over the mobile network (4G) with SMS or web interface*. To make it easier to use the unit with SMS we have a mobile APP available for iPhone and Android smartphones.

A SIM-card is required to use the unit, pre-paid or subscription.

The unit also has two inputs that can be connected to for example an alarm so when it goes off the unit will send an SMS. These inputs can also control the outputs enabling connecting an external switch for manually controlling the outputs as well.

It is also possible to read out temperature by connected an external temperature sensor with thermostat control and temperature alarms functions.

*Prepared for data traffic, requires firmware update.

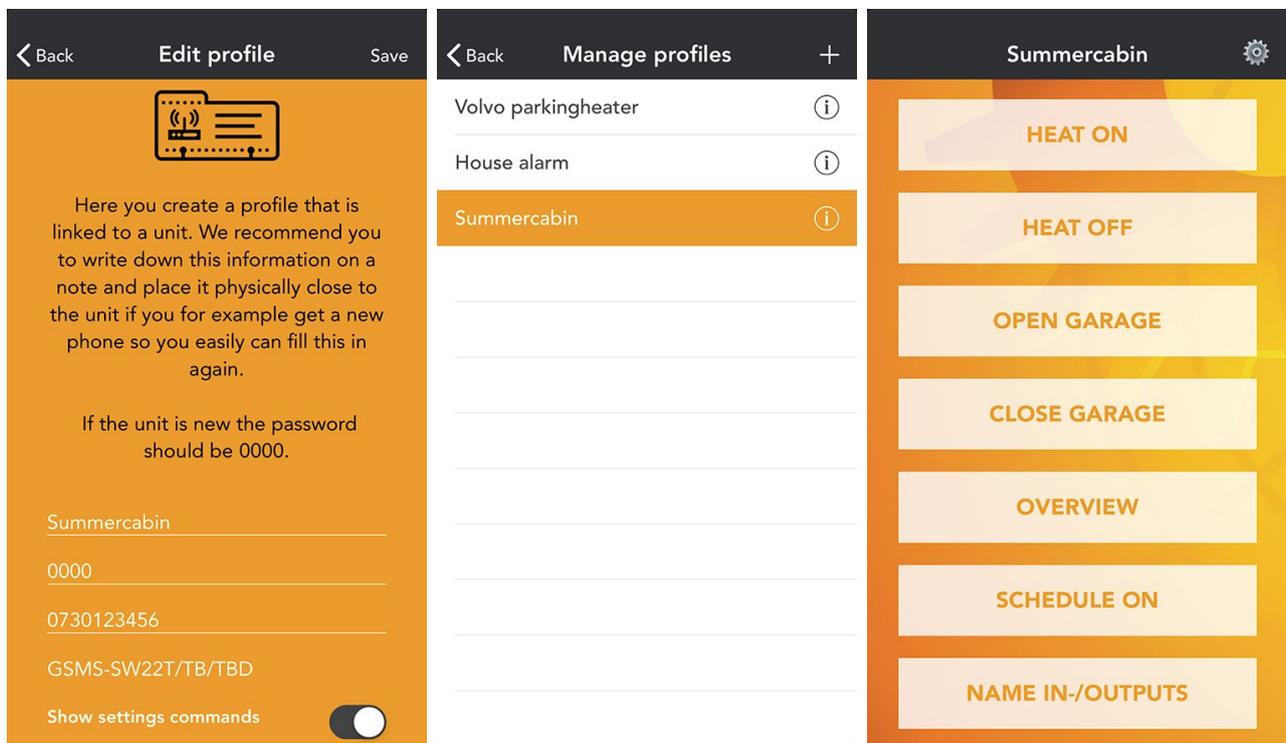


2. Mobile APP

To make it easier to control the unit with SMS we have a mobile APP for iPhone and Android smartphones. When using the APP you don't need to remember any commands just click on the buttons in the APP to control and setup the unit. It is possible to add multiple units in the APP and switch between them.

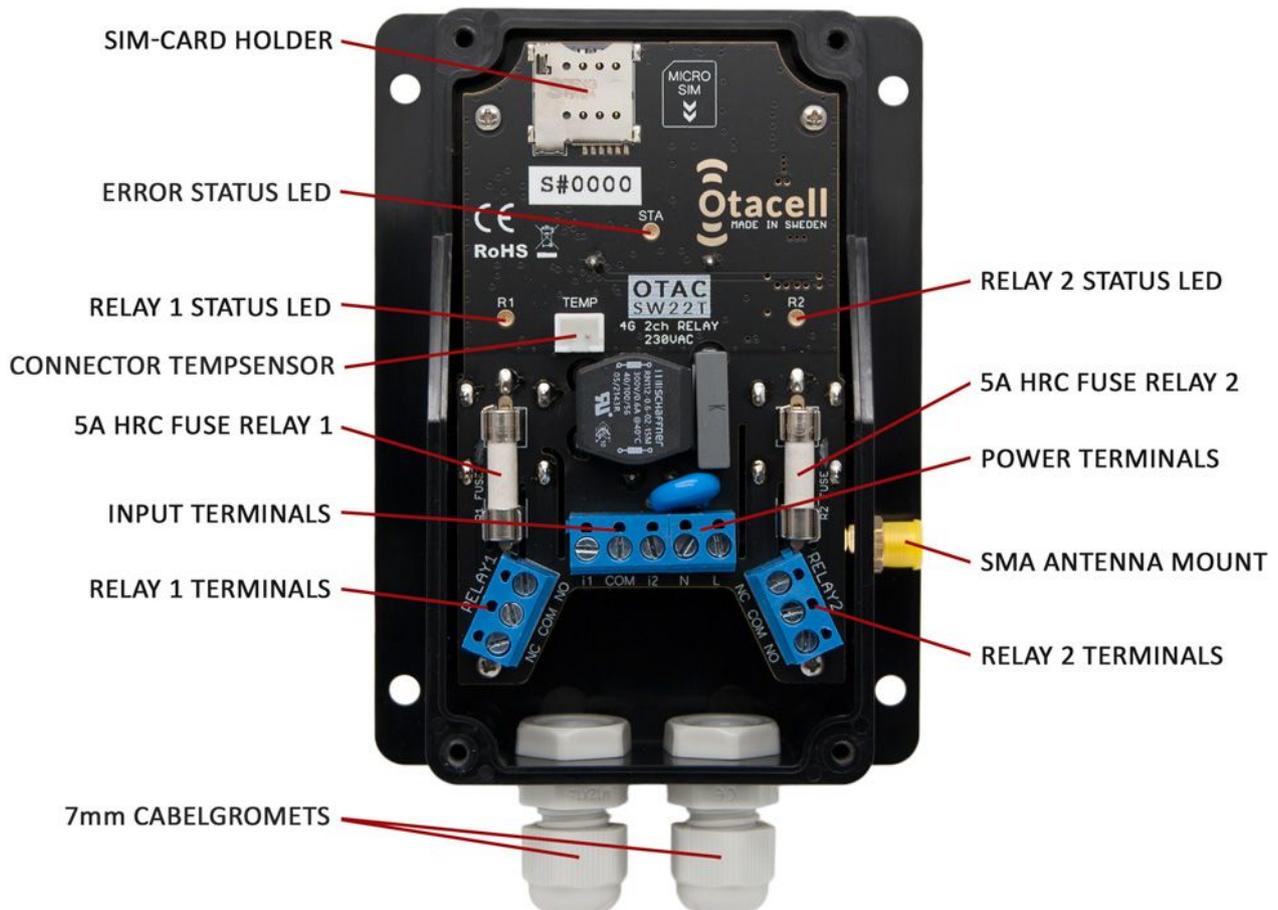
You can also rename the buttons that control the relays so you know what is connected.

The APP is available in Appstore and Google Play, search for "**GSMS remote control**".



3. Technical specification

| | |
|------------------------------------|---|
| Operating voltage: | DC version: 12/24VDC – AC version: 110-230VAC |
| Power consumption: | Nominal Idle ~250mW / Max 5W |
| Outputs: | 2x N.O. / N.C. relays, max 5A per relay |
| Inputs: | 2x N.O. / N.C. inputs |
| Dimensions: | 90 x 40 x 122 mm |
| Operating temperature: | -40°C to +80°C |
| Measurable temperature ext sensor: | -40°C to +105°C |
| Temperature precision: | ± 1°C |
| IP-rating: | IP67 (can be installed outside) |
| SIM-card: | Micro-SIM |
| Mobile network: | LTE (4G) |
| Band | LTE-FDD B1,B3,B5,B7,B8,B20 |
| Modulation: | QPSK, 16QAM |
| Power class: | Class 3 |



4. Declaration of conformity



This product conforms to the requirements in EU RoHS-directive (2011/65/EU). It does not contain any of the hazardous or forbidden materials described in the directive.

It also complies to EU WEEE- directive (2012/19/EU) and marked with the WEEE label in accordance with directive 2012/19/EU Waste from Electrical and Electronic Equipment.

In addition, Pierr Automatik AB accept scrapped equipment from customers and sort it for waste disposal. Defect equipment returned to Pierr Automatik AB for service may also be scrapped in accordance with the Directive.



Hereby Pierr Automatik AB, Slottsmöllan 16B, 302 31 Halmstad, SWEDEN declares that this product **OTAC-SW22T-H01A** comply with the provisions of the following relevant European Union harmonization legislation conformity with the provisions of the EMC Directive (EMCD) 2014/30/EU, Low Voltage Directive (LVD) 2014/35/EU and Radio Equipment Directive (RED) 2014/53/EU according to the following standards.

EN 301 908-1 V15.0.1, EN 301 908-13 V13.1.1 , EN 301 511 V12.5.1, EN 301 489-1 V2.2.3, EN 301 489-52 V1.1.2, EN IEC 62311: 2020, EN 62368-1: 2014+A11:2017

Halmstad, 01/10/2022
Andreas Pierr, CEO

5. Made in Sweden

This product is fully developed and in the following extent made in Sweden.

- PCB* is pick-n-placed and reflow soldered in Sweden.
- Assembled, tested and packaged in Sweden.
- Enclosure is made in China.

*Bare empty PCB is made in China.

Manufacturer:
Pierr Automatik AB
Slottsmöllan 16B
302 31 Halmstad
SWEDEN

PIERR 
AUTOMATIK AB

6. Warranty



This products comes with a 2-year warrant. The warranty does not include faults by incorrect usage, incorrect installation, outside circumstances like over voltage due to for example thunder, faults in the LTE network, water damage, fire etc.

Warranty does not include changes made to the LTE network or other external services regarding for example technical functionality or changed contract terms.

The product will be repaired or replaced with a replacement unit and resent to the customer free of charge if compliance to warranty and provided with purchase documents.

Any charges for removing the unit, travel costs, downtime and other related costs is not covered by the warranty. Return shipping is not covered by warranty and should be paid by the customer.

For this product to work correctly sufficient coverage for the used network LTE (4G) is required. The unit cannot connect to the network if the coverage is to low.

This product has been developed and manufactured according to the current state of the art and recognized safety standards. It cannot be sure that the product works as intended under all circumstances, at all times and under all conditions.

7. Operational modes of the outputs



The unit can be configured to fit many applications. Below is a couple of examples!

| | |
|--|--|
| SEE COMMANDS #4 #5 #9 | |
| LATCHING MODE | |
|  |  |
|  |  |
|  NO TIMER | |
| -RELAY 1- ON, TIMER OFF -RELAY 2- ON, TIMER OFF | <p>This is the most basic operational mode and the default.</p> <p>Whenever a relay is turned on using any control method (APP, SMS, call, inputs or by temperature) the relay will stay activated until it is manually turned off with any of the control methods.</p> |

| | |
|---|--|
| SEE COMMANDS #4 #5 #8 | |
| TIMER MODE | |
|  |  |
|  |  |
|  TIMER 1S - 999H | |
| -RELAY 1- ON FOR 23H, 59M -RELAY 2- ON FOR 0H, 5M | <p>This mode allows you to set up a time between 1 second – 999 hours that a relay should be activated whenever it is turned on using any control method. At any time the relay can be manually turned off using any of the control methods.</p> <p>Each relay can have its own timer setting.</p> <p>The commands #10 and #11 can be used to ignore the time.</p> |

SEE COMMANDS #25 #26

TEMPERATURE MODE



← OPTIONAL RELAY CONTROL →





TEMP!





← OPTIONAL RELAY CONTROL →

-RELAY 1-
OFF

-RELAY 2-
ON, TIMER OFF

TEMP: -2C < ALERT!

By using the temperature sensor (sold separately) one can configure the unit to send an SMS when the temperature goes above or below a set value.

It is also possible to control relay 2 when the temperature goes above or below the set value. There are different settings for activating or deactivating the relay.

An alert SMS will also be sent. Can be used in combination with the timer.

Only works for relay 2!

SEE COMMANDS #25 #26

THERMOSTAT MODE



← OPTIONAL RELAY CONTROL →





CHECK EVERY 2 MINUTES





← OPTIONAL RELAY CONTROL →

-RELAY 1-
OFF

-RELAY 2-
ON, THERMOSTAT
INACTIVE

TEMP: 22C

There is also a thermostat function that will activate or deactivate relay 2 if the temperature goes above or below a set value.

No alert SMS will be sent in this mode. Only for relay 2! Any timer setting will be ignored!

This can be useful for controlling any type of heater when you want to regulate the temperature. The thermostat will only be active if the output is first "turned on". The unit then checks the temperature every 2 minutes and activates or deactivates relay 2 depending on the temperature compared to the set value.

Only works for relay 2!

SEE COMMANDS #16 - #21

INPUTS



-RELAY 1-
ON, TIMER OFF

-INPUT 1-
ACTIVE

-INPUT 2-
ACTIVE < ALERT!

There are two inputs on the unit that can be configured to send an alert-SMS (or SMS + phone call) or to control a relay when the input is triggered. **When an input is set up to control a relay no alert-SMS will be sent.**

When set up to control a relay there are 3 different settings; activate the relay, deactivate the relay or switch relay state.

Input 1 control relay 1 and input 2 control relay 2!

SEE COMMAND #7

SCHEDULE ON



-RELAY 1-
OFF, ON IN 0H, 30M

-RELAY 2-
OFF, ON IN 47H, 59M

The unit can be setup to schedule a relay activation 1 minute – 99 hours into the future.

By using the APP, it is possible to select a time and date when to activate. Both relays can be setup to activate at different times.

SEE COMMAND #27

MOMENTARY MODE



-RELAY 1-
ON, TIMER OFF

-RELAY 2-
OFF

This mode will activate relay 1 a configured time (1 – 9 seconds) every time the output is turned on or off. This mode can be used with or without a timer. Useful when connecting the unit to a device that needs a short pulse to turn on and then a short pulse to turn off.

Only works for Relay 1!

8. Install SIM-card



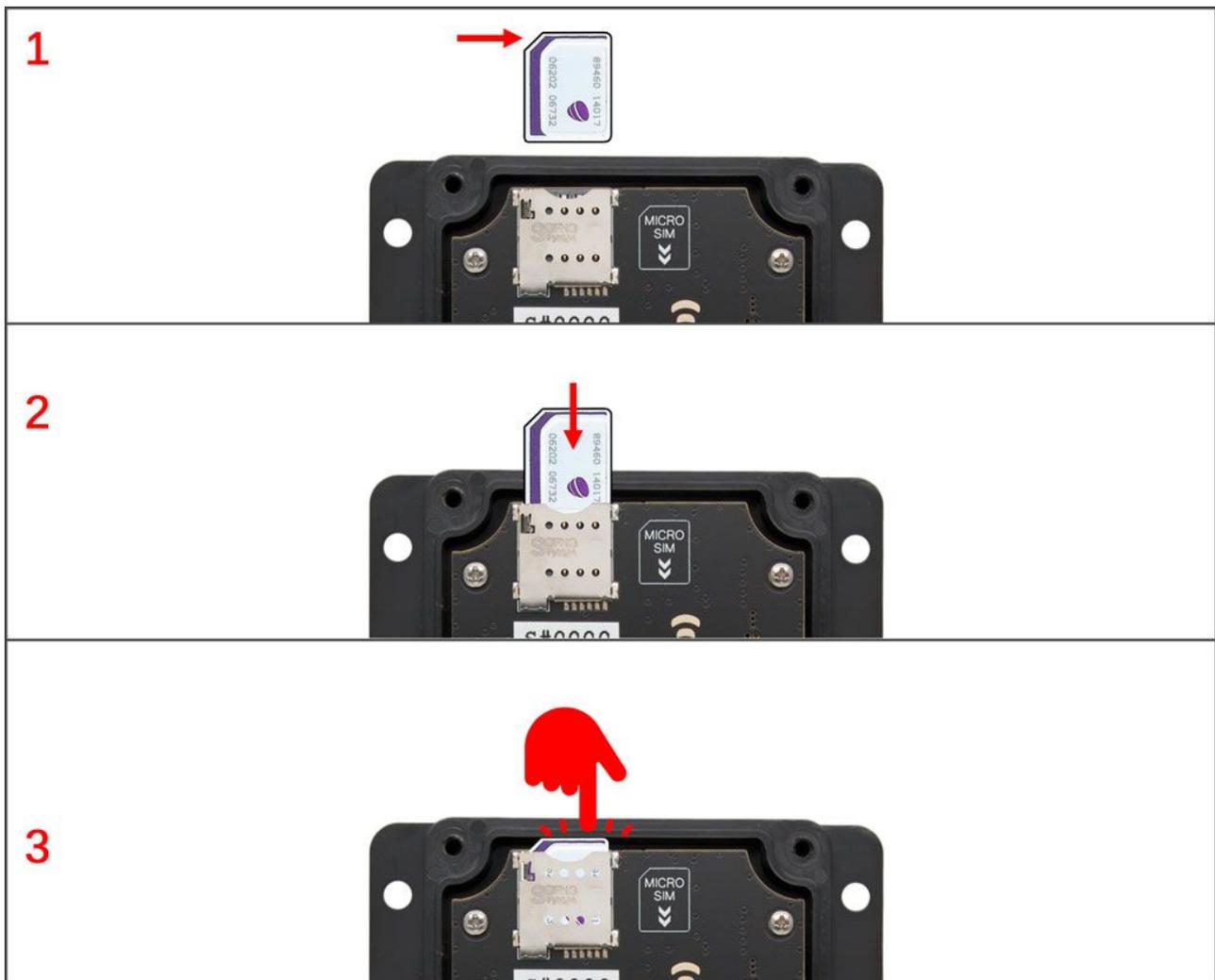
There cannot be any PIN code on the SIM-card! If there is a PIN code present first put the card in a mobile phone and **disable** the PIN code in phone settings.



Always turn off the power to the unit when removing the transparent cover!

1. First make sure the SIM-card is correctly oriented and right size Micro-SIM.
2. Carefully mount the SIM-card in the holder and push it down.
3. At the end there should be a little resistance then the SIM-card should lock in place.

To remove the SIM-card carefully push down and it should spring up.



9. Installation



This is a universal product that can be used in many applications. To install the unit you need to have the appropriate knowledge.



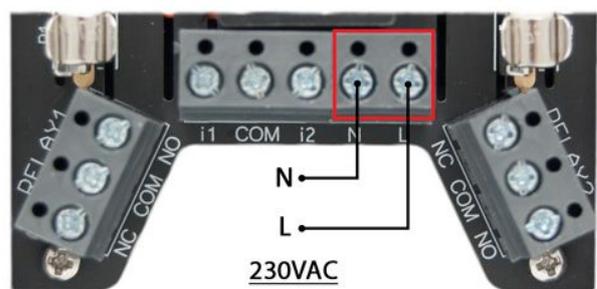
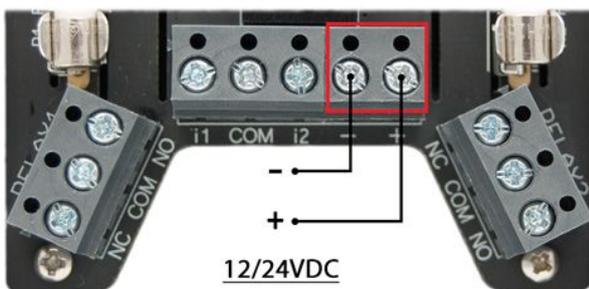
All electrical work should be done by a licensed electrician and in accordance with local, national and/or international codes.

Power

The unit needs power to work. OTAC-SW22T comes in two different version, one that can be powered by direct current (DC) 12/24 Volt and one that can be powered directly from the mains alternating current (AC) 110-230 Volts.

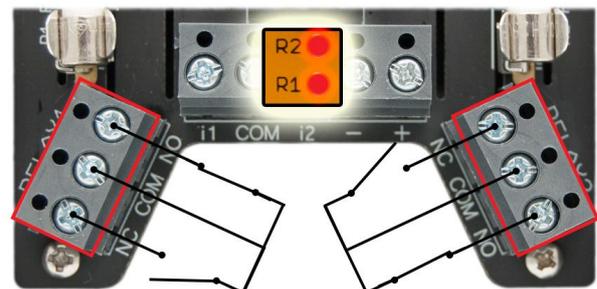
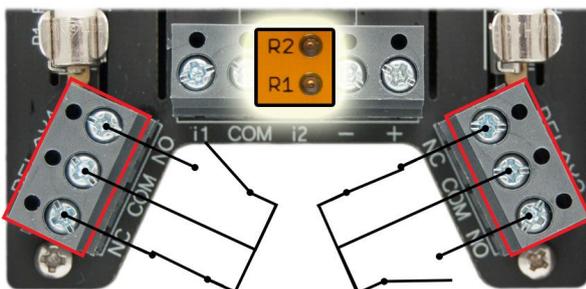
Even if the unit draws very little current there will be short current spikes when communicating with the network. Therefore the **DC version** power source must be able to deliver at least **5W**.

This is equal to **500mA@12V or 250mA@24V**.



Outputs

The unit has two potential-free outputs and each relay has one Normally Open and one Normally Closed connection. **Each relay can handle loads up to 5A which is about 1150W at 230VAC**. The left illustration shows both relays deactivated and the right one shows them activated.



Inputs

The unit has two potential-free inputs that can be configured to send alarm-SMS or send alarm-SMS + call the authorized users when triggered. The inputs can also be configured to activate, deactivate or switch relay states.

For an input to be triggered (i1/i2) needs to be connected to "COM" (GND) on the input terminal block according to the illustration below. **The inputs cannot be triggered by feeding voltage, this will damage the unit!**

It is possible to invert how the inputs are triggered so when the circuit between i1/i2 and COM is open instead of the default closed.



Temperature functions



To use the temperature function the temperature sensor is required (sold separately).

To start using the temperature functions connect the external temperature sensor. Then use command #25 to set a value that triggers the unit when the temperature goes ABOVE (>) or BELOW (<) the set value.

For example if you want the unit to send SMS when the temperature goes BELOW 0 °C, use the command "SW0000TRIGGTEMP<+00".

You also need to configure what the unit should do when the temperature has been triggered, see command #26.

Don't forget to add at least one phone number that should receive the SMS. This is easiest done in the mobile APP with the button "ADD USER" (command #13).

Its also possible to configure it so the temperature controls relay 2. Use command #26 to configure this.

The current temperature can always be read by requesting the overview SMS (SW0000CHECK).

10. Power on



If the STA light don't change to green after about 5 minutes, something is wrong!

Make sure the SIM-card is activated and the **PIN-code is disabled**.

After power has been turned on the "STA" led should light up red.



It should then change to green after a couple of minutes.

When the light is green the unit is connected and ready to be communicated with!



Don't try and communicate with the unit if the "STA" lights not green!

11. First test



The commands are not case-sensitive!

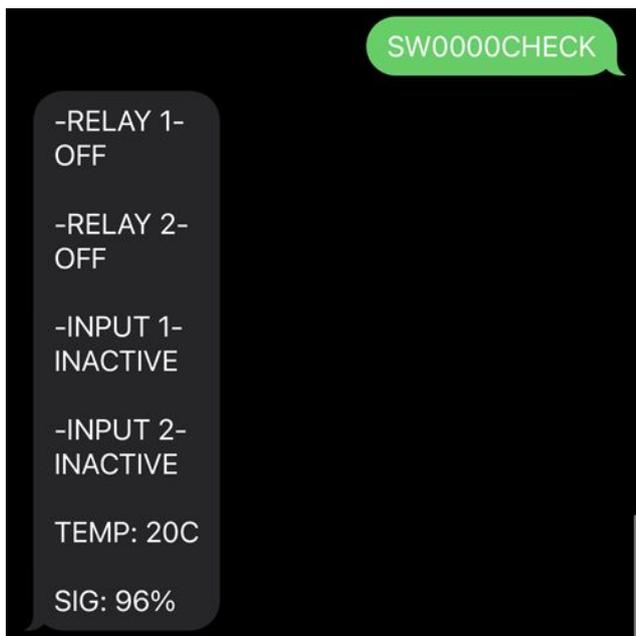
If the unit does not reply something is wrong, check balance, spelling and phone number!

First make sure that the "STA" light is green!

Then test that everything is working by sending "SW0000CHECK" as an SMS to the installed SIM-cards phone number. Wait for reply.

| | |
|--------------|--|
| SW | Start prefix for the command. Letters. |
| 0000 | Password (default four zeros) |
| CHECK | Letters |

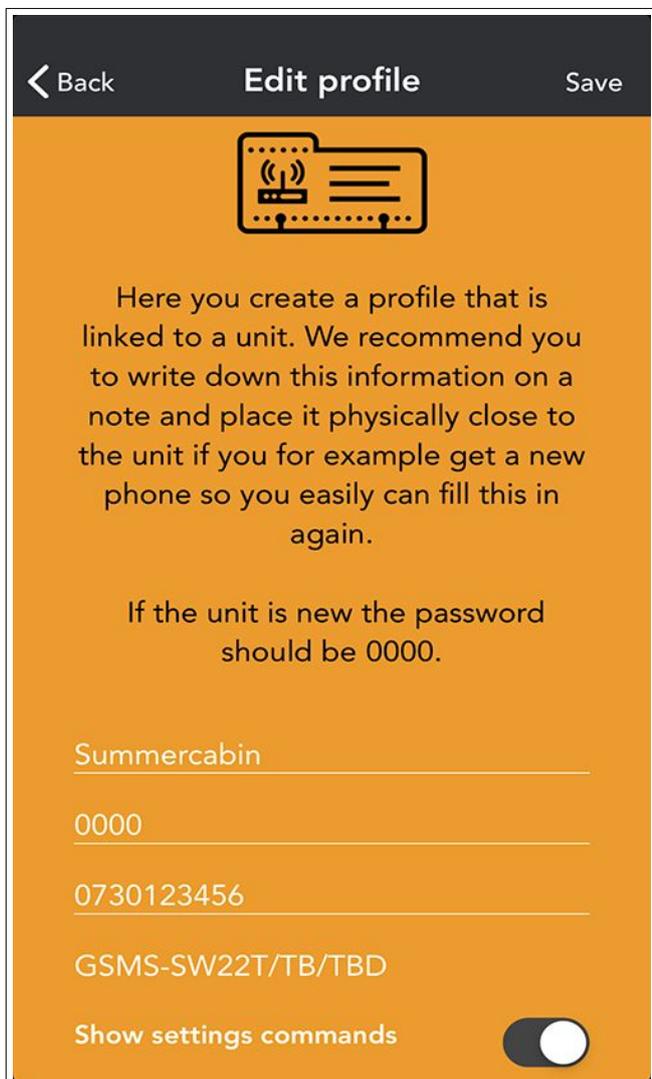
The unit should reply with an overview.



12. Use the APP

If the unit replied to the previous command everything is working correctly. Now it is easiest to use the mobile APP instead that is available for iPhone and Android.

The APP can be downloaded in Appstore and Google Play, search for "GSMS remote control".



Start by creating a "profile" that is associated with the unit.

Everything that is typed into the app is only saved locally on the phone which means that if you change phone this needs to be filled in again.

It is therefor recommended to take a screenshot of what is typed in "profile" and save this image for future reference.

In the first field type a name for the unit to easily identify the unit.

Second field is password, type four zeros because the unit is new.

Third field is the phone number to the installed SIM-card.

Choose "GSMS-SW22TTTB/TBD" in the list.

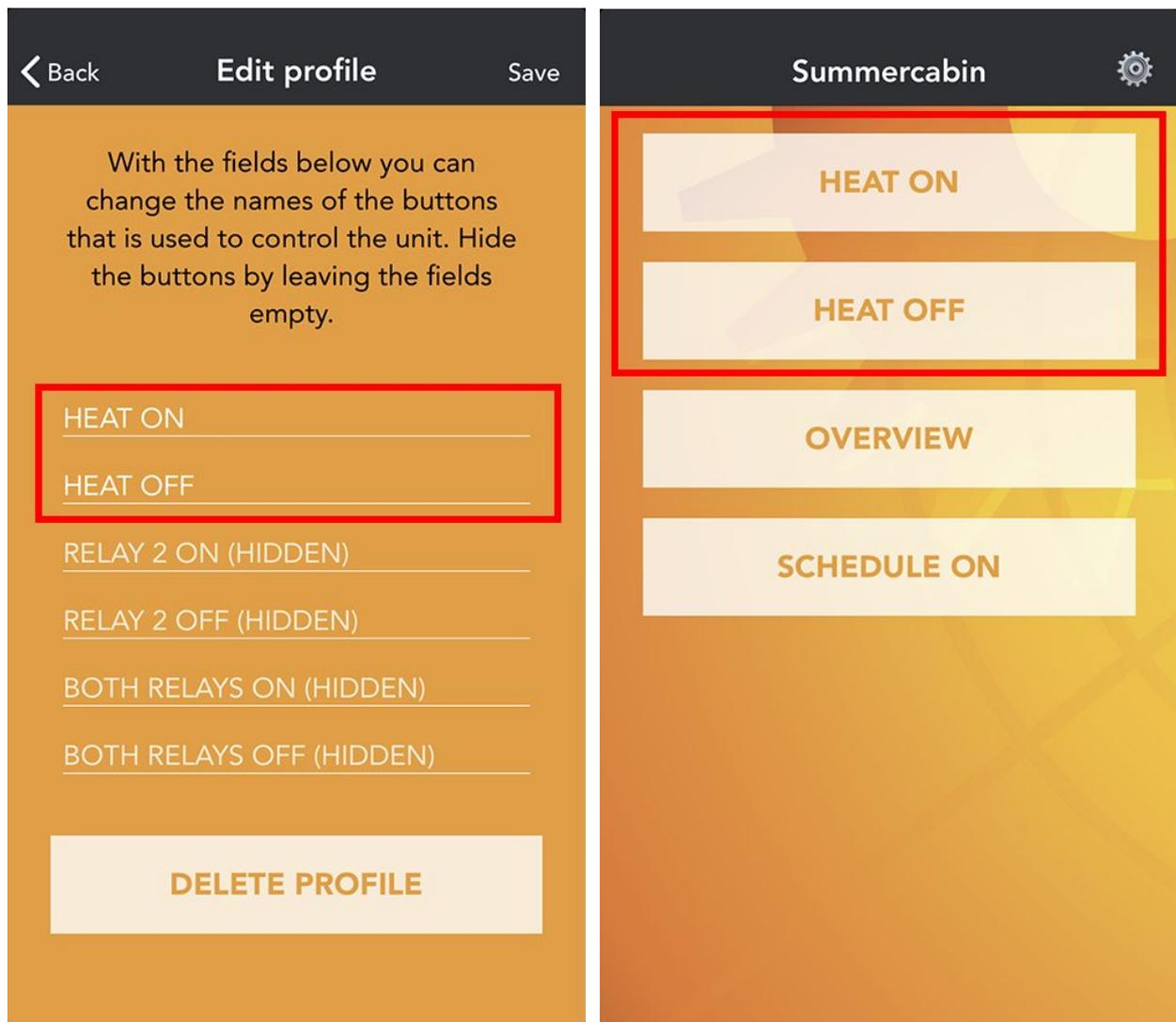
Check "Show settings commands" to display all commands in the APP. After the unit is configured this can be unchecked to hide all settings commands.

Its possible to **rename the control buttons in the APP** to know what is connected to each relay. In the example below relay 1 is connected to a heater. When relay 1 is activated the heat is turned on.

Because of this we rename "RELAY 1 ON" to "HEAT ON" and "RELAY 1 OFF" to "HEAT OFF".

Relay 2 is not connected in this example therefor we hide it by leaving the field empty.

Also the buttons to activate both relays simultaneously are hidden in the example below.

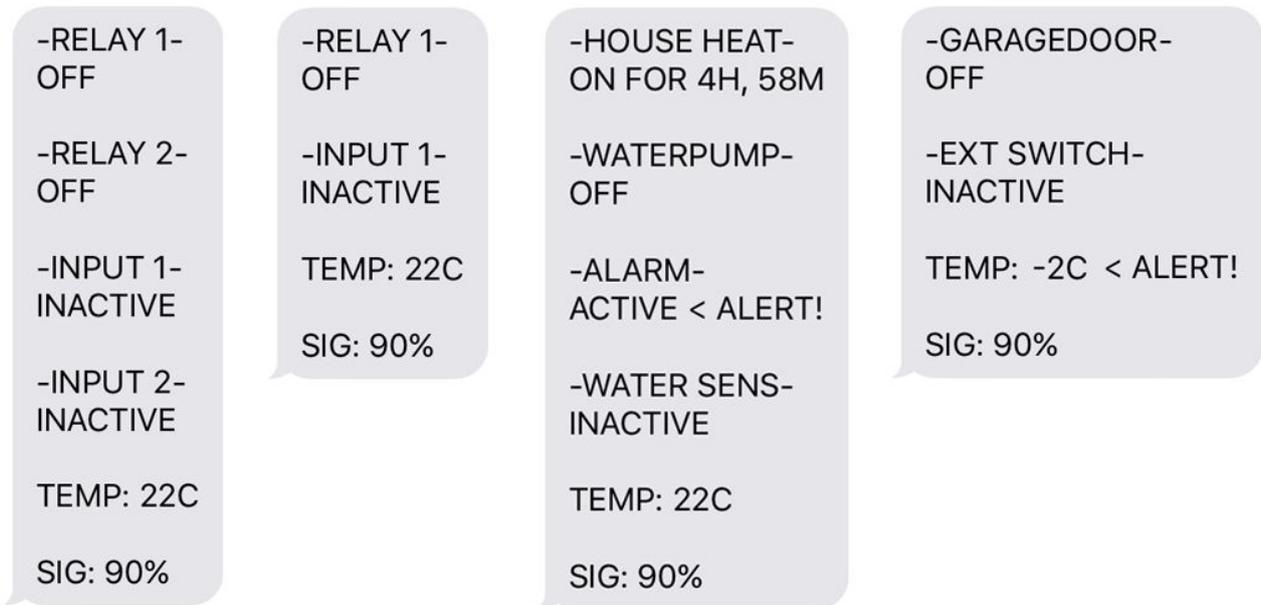


13. Overview SMS



As with the buttons in the app it is possible to rename outputs/inputs in this SMS also.

Use the **command** "NAME IN-/OUTPUTS" in the APP to do this easy.



By the default the unit sends back a so called "Overview SMS" every time an output is controlled. This SMS that is seen here above in different configurations contains information about outputs, inputs, temperature and signal strength. Anytime this SMS can also be requested manually.

It is possible to rename, enable or disable outputs and inputs in this overview SMS.

If you don't want to receive this SMS every time it can be disabled but it can anytime be requested manually.

This SMS is also what is received when an input or temperature is triggered.

14. All commands



When controlled via SMS a four digit password is used (by default four zeros).
Every command starts with prefix "SW" followed by the four digit password.

Don't use any spaces or other characters other than the ones described. Commands are nor case-sensitive but for clarification all commands below are written in uppercase.

All default settings are marked with underscore ex. **R1TIMER0**

| # | SMS Command | Description |
|---|--|---|
| 1 | SW0000CP1234 | Changes the password from "0000" (default) to for example "1234"; this new password "1234" will be used in the following examples. |
| 2 | SW1234CHECK | This command requests an "Overview SMS" from the unit containing status of the inputs and outputs as well as temperature and signal strength. |
| 3 | SW1234SETTINGS | Returns an SMS with information about how the unit is configured for example timer settings, what temperature value is set and more. |
| 4 | SW1234R1ON ... R1OFF | Commands used to control the state of relay 1. |
| 5 | SW1234R2ON ... R2OFF | Commands used to control the state of relay 2. |
| 6 | SW1234RAON ... RAOFF | Turns on or off both relays at the same time. |
| 7 | SW1234R1ONF00H01M ... R1ONF99H99M ... R2ONF00H01M ... R2ONF99H99M ... R1ONF0 ... R2ONF0 | Turns on a relay in the future. You need to specify the total hours and minutes until you want the relay to turn on. Please note that you always need to specify both hours and minutes as the format to the left (2 digits each). Can be used to control relay 1 and 2. R1ONF0 / R2ONF0 = Cancels a set scheduled on. |

| | | |
|----|--|--|
| 8 | SW1234R1TIMER001S ... R1TIMER123M ... R1TIMER999H ... R2TIMER001S ... R2TIMER123M ... R2TIMER999H | <p>Sets up how long each relay should be activated when turned on. This setting has effect every time a relay is turned on using all control methods except when using commands #10 and #11 that ignores this timer-setting.</p> <p>Different settings can be configured for both relays.</p> |
| 9 | SW1234R1TIMER0 ... <u>R2TIMER0</u> | <p>Command to disable the timer (disabled by default). Please note that the last character is a digit (zero).</p> |
| 10 | SW1234R10N001S ... R10N123M ... R10N999H ... R20N001S ... R20N123M ... R20N999H | <p>Turns on a relay but ignores the timer for example if you have configured the timer to 60 minutes but you want to turn on the relay 20 minutes just this one time.</p> |
| 11 | SW1234R10N0 ... R20N0 | <p>Ignores the timer and turns on a relay in latching mode i.e. the relay is turned on until it is manually turned off again.</p> |
| 12 | SW1234REMSTATE0 ... <u>REMSTATE1</u> | <p>Set up if the unit should remember the state of the relays after a power loss. Please note that this will only have affect if the relays were turned on without a timer due to the unit not knowing how long the power was lost.</p> |
| 13 | SW1234U1A11111 ... U2A22222 ... U3A33333 ... U4A44444 ... U5A55555 | <p>This command adds a phone number that should be authorized to control relay 1 with phone calls. When the unit is controlled with SMS this have no effect as SMS control uses a password instead.</p> <p>These are also the numbers that will be receiving important system SMS alerts and SMS alerts when the inputs and temperature gets triggered.</p> <p>Up to 5 authorized users can be added, users 1-5 (U1-U5)</p> |
| 14 | SW1234U1A0 ... U2A0 ... U3A0 ... U4A0 ... U5A0 | <p>Erases phone number in memory "U1", "U2" ... "U5".</p> <p>Note last digit (0) = zero.</p> |

| | | |
|----|--|---|
| 15 | SW1234AUTHLIST | Returns an SMS with a list of all authorized phone numbers in memory. |
| 16 | SW1234INPUT1FUNC0 ... INPUT2FUNC0 | Disables any of the inputs. Note last digit (0) = zero. If the inputs are not used, this is the recommended setting. |
| 17 | SW1234INPUT1FUNC1 ... INPUT2FUNC1 | Sets any of the inputs to send an alert SMS to the authorized phone numbers when the input is triggered. |
| 18 | SW1234INPUT1FUNC2 ... INPUT2FUNC2 | Sets any of the inputs to send an alert SMS + make a phone call to the authorized phone numbers when the input it triggered. |
| 19 | SW1234INPUT1FUNC3 ... INPUT2FUNC3 | Sets any of the inputs to activate a relay when triggered. If the relay is already activated, nothing will happen. Input 1 controls relay 1 and input 2 controls relay 2. |
| 20 | SW1234INPUT1FUNC4 ... INPUT2FUNC4 | Sets any of the inputs to de-activate a relay when triggered. If the relay is already de-activated, nothing will happen. Input 1 control relay 1 and input 2 controls relay 2. |
| 21 | SW1234INPUT1FUNC5 ... INPUT2FUNC5 | Sets any of the inputs to switch the relay state when triggered. If the relay is activated it gets de-activated and vice versa. No SMS/call communication! Input 1 controls relay 1 and input 2 controls relay 2. |
| 22 | SW1234SMS0 ... SMS1 | This configures if the unit should send back verification SMS when changing settings and controlling the relays. SMS0 = Disables verification SMS. SMS1 = Enables verification SMS. |

| | | |
|----|--|---|
| 23 | SW1234AUTHCTRL0 ... AUTHCTRL1 ... AUTHCTRL2 | <p>Set up how/if the unit should check incoming phone calls with the list of authorized phone numbers.</p> <p>AUTHCTRL0 Ignore all incoming calls, disabling phone call control.</p> <p>AUTHCTRL1 Checks all incoming calls to the list of auth. numbers.</p> <p>AUTHCTRL2 Enables all incoming calls to be able to control relay 1.</p> |
| 24 | SW1234RESETDATA | <p>Erases all data and returns the unit to factory default.</p> |
| 25 | SW1234TRIGGTEMP0 ... TRIGGTEMP<-35 ... TRIGGTEMP<+00 ... TRIGGTEMP>+99 | <p>Configures when and at what temperature the unit will trigger. Always use 2 digits and +/- character.</p> <p>For example below 5 °C = "TRIGGTEMP<+05".</p> <p>TRIGGTEMP0 Disables all temperature functions.</p> <p>TRIGGTEMP<-35 Triggers when BELOW (<) -35 °C.</p> <p>TRIGGTEMP<+00 Triggers when BELOW (<) 0 °C.</p> <p>TRIGGTEMP>+99 Triggers when ABOVE (>) +99 °C.</p> <p>See command #26 below for what to do when temperature gets triggered!</p> |
| 26 | SW1234TEMPFUNC0 ... TEMPFUNC1 ... TEMPFUNC2 ... TEMPFUNC3 | <p>This command configures what to do when the temperature gets below or above the set value by command #25 above.</p> <p>TEMPFUNC0 = Deactivates relay 2 TEMPFUNC1 = Activates relay 2. TEMPFUNC2 = Switches state of relay 2 (thermostat). TEMPFUNC3 = Sends an SMS to the authorized users.</p> <p>Temperature functions only works with relay 2!</p> |

| | | |
|----|--|---|
| 27 | SW1234R1MOM0 . . . R1MOM1 . . . R1MOM2 . . . R1MOM4 . . . R1MOM5 . . . R1MOM6 . . . R1MOM7 . . . R1MOM8 . . . R1MOM9 | <p>This command can configure relay 1 to "Momentary mode". In this mode relay 1 will be activated 1-9 seconds (pulse) whenever it is turned on or off.</p> <p>R1MOM0 = Disable momentary mode. Last digit = zero! R1MOM1 = Enables momentary mode 1 second pulse. R1MOM2 = 2 seconds pulse... . . . R1MOM9 = Max pulse-time, 9 seconds.</p> <p>Momentary mode only works with relay 1!</p> |
| 28 | SW1234INLOW1 . . . INLOW0 | <p>Configures the inputs to be normally open or normally closed i. e. if the inputs should be triggered when shorted or when open circuit to "COM" (GND).</p> <p>INLOW1 = Normally open Triggered when shorted to COM.</p> <p>INLOW0 = Normally closed Triggered when not shorted to COM.</p> |
| 29 | SW1234SMSRESET | <p>The unit will monitor the number of SMS sent within an hour. If the unit should send more than 20 SMS in an hour it will not allow any more SMS to be sent before this command is sent to the unit.</p> |
| 30 | SW1234NAME=R1 : XXXXX . . . NAME=R2 : XXXXX . . . NAME=I1 : XXXXX . . . NAME=I2 : XXXXX . . . NAME=R1 : ! . . . NAME=R2 : ! . . . NAME=I1 : ! . . . NAME=I2 : ! | <p>This command changes the names or enables/disables an input or output in the "Overview SMS". Max 10 characters for each name. Only letters and digits allowed.</p> <p>NAME=R1:HOUSE HEAT Changes relay 1 name to "HOUSE HEAT".</p> <p>NAME=R2:WATERVALVE Changes relay 2 name to "WATERVALVE".</p> <p>NAME=I1:WATERLEVEL Changes input 1 name to "WATERLEVEL".</p> <p>NAME=I2:ALARM Changes input 2 name to "ALARM".</p> <p>NAME=R1:! / NAME=R2:! / NAME=I1:! / NAME=I2:! Disable in overview.</p> |

15. Support

www.otacell.se

Phone: +4635 - 10 09 44

E-mail: info@otacell.se

16. Troubleshooting

The unit does not connect, "STA" light remains red.

Check that the SIM-card is activate and that the PIN code is **disabled**.

The unit does not reply to commands.

Check that the SIM-card has balance and that is supports SMS. Also check that the phone number you are sending the commands to are correct!

The unit is installed in another country and I don't get any alarm-SMS.

If you want the unit to send SMS to an international phone number please use the following format for land code **0046** (not +46). For example 0046123456789

After changing the SIM-card the unit don't respond.

Every time a SIM-card is replaced the unit must be restarted by turning of the power. It is also possible to wait approximately 30 minutes and the unit will automatically detect the change.

When calling the unit ring tones can be heard but relay 1 don't change state.

Make sure you have added your phone number to the authorized list of users in the units memory. SEE COMMAND #13 or "ADD USER" in the app.

One of the inputs have been shorted to COM but I don't receive any alarm SMS.

1. Make sure you have added your phone number to the units memory, SEE COMMAND #13.
2. Check that you have configured the unit to send SMS when input is triggered, SEE #17 and #18

I have forgotten my 4-digit password.

If you have lost or forgot the 4 digit password used to control the OTAC-SW22T via SMS you will need to have physical access to the unit to do a hardware reset as described below.

1. Turn off the power to the unit and remove the transparent enclosure cover.
2. Next turn on the power to the unit again and roughly **5 seconds** after **the power is turned on**, short/connect input 1 (i1) to the input COM and leave connected until "STA" LED starts flashing.

"STA" light remains off when power is connected.

Make sure correct voltage is supplied and that positive and negative poles are connected correctly.

How do I check how much money I have on the installed pre-paid SIM-card.

Please talk to your SIM-card provider. Generally you can add money online and with most providers you can also register the SIM-card and monitor it online.

"STA" is flashing.

If the "STA" LED is flashing it is an indication that something is wrong.

If the LED is flashing rapidly (multiple times a second) the unit cannot recognize the SIM-card. Try a different SIM-card!

Instead if the LED is flashing every second there is a PIN-code on the SIM-card. Please disable it!

Is it flashing every fourth second the unit cannot connect to the network. This could be an indication that insufficient coverage in the area. Please move the unit to another location or try another network operator.

The latest version of this manual can be found here:
https://otacell.se/otac_sw22t_h01a_eng_manual.pdf

