

# Greenbox GV: quick installation guide

1

## List of equipment required for the installation of a GreenBox

1. GreenBox
2. **Activated** SIM Card
3. Power supply
4. Cross-tip M3 screwdriver
5. Cable with a maximum section of 4 mm<sup>2</sup>
6. Service cable
7. Your computer

2

## Installing the GreenBox

1. Place the GreenBox on a wall or in an electrical panel
2. Connect the power supply in Mini USB connector
3. Verify the status LED is ON (Not blinking)
4. Verify the SIM Card is present
5. Verify the status LED is blinking after 1 or 2 minutes maximum

3

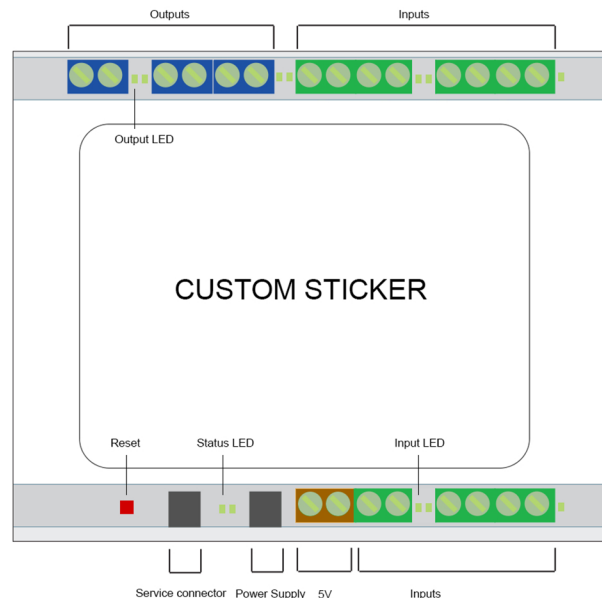
## Connect a meter on a dedicated input

1. Connect terminals S0+ and S0- of the pulse output meter to one input of the GreenBox. Be careful with the polarity.
2. Verify the LED of the dedicated input is blinking when you have a pulse on the output of the connected meter.

4

## Connecting the GreenBox to your computer

1. Put the service cable in the USB port of your computer
2. Put the Jack connector in the service connector of the GreenBox
3. Open your preferred terminal (Teraterm or other)
4. Open the good com port with these settings:  
Baudrate: 115200 (8 bits, Parity none, 1 stop bit)
5. Type P1531 and press enter to open a session



5

## Verify if all is OK

1. Check that the status LED observes the following steps:

- When turned on, the LED should be lit permanently and not blinking
- After 1 or 2 minutes, the LED should start flashing. It means the internet connection is established with servers through the GPRS.

3. Check that the input LED to which you have connected your meter has flashed at least once. If you did not see any flash, you can type COUNTER command in the terminal to show all pulses counted by each input.

Important note: there is a counter reset every 5 minutes because they are permanently recorded in Flash after this delay.

## Before you leave!

1. Take the reading (index), the serial number and the pulse weight of the meter(s) and note which counter is connected to which input.
2. Make sure that the status LED flashes
3. Make sure that the input LED with a meter flashes

### If there is a problem:

1. The status LED does not light during switching-on

- Check the power supply
- If it is still not OK, the greenbox is defective.

2. The LED corresponding to the meter input never blinks

- Check the wiring of the S0+ and S0- inputs. If they are reversed no pulse will be recorded

3. The status LED does not blink

- Check the presence of a SIM Card
- Connect the service cable and open a session. Type INFO command and verify if all parameters are OK. If you are not sure, you can type DEFAULT command to put all default parameters in memory.

- Check the quality signal. Type INFO and verify GPRS quality signal value. If it is under 5, it is not possible to send data through the GPRS. You can do a quick press on the reset button (Under 1 second) to show the QoS on the QoS LED. (Between 0 (Bad) and 5 blinks (Excellent))
- If it is still not OK, you can type LOGLEVEL2 to put the greenbox in debug mode. Like this, you can see every debug messages. If you cannot find a solution to solve your problem, do not hesitate to call G.M.Electronics +32 (0) 10 77 90 66