

# SOLO-iDEA – QUICK START GUIDE

\*\*\* FOR HASSLE FREE SET UP, START HERE \*\*\*

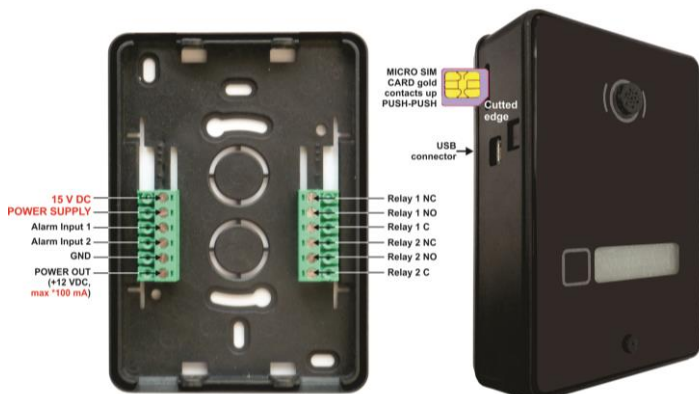
Please use web server on: [www.easysset.eu](http://www.easysset.eu)



1. Read this Quick Start Guide first...
2. Install power supply wiring from PS source to location.
3. If antenna is not already mounted on the housing, mount antenna on a location away from speaker.
4. **IMPORTANT: USE A MICRO SIM CARD (Micro-SIM) WITH MEMORY FOR UP TO 250 CONTACTS!**  
Insert SIM card to be used for SOLO device in your personal mobile phone to erase PIN code.
5. **IMPORTANT: ERASE THE PIN CODE ON SIM CARD!**
6. **Insert SIM card in SOLO device** – gold contacts down and cut off corner RHS. **The unit must be switched OFF when you insert the SIM!**  
**Insert SIM carefully as SIM holder is fragile if forced!**
7. Connect Outputs and Power supply cable to SOLO device.
8. Connect SOLO device to source power supply voltage.
9. Wait until YELLOW LED start flashing in 5 second interval (0,5 sec ON / 5 sec OFF) and BLUE LED (LED 1) starts flashing. This is set in around 30 seconds.
10. SOLO unit is now ready to operate.  
**IMPORTANT: Before sending any SMS commands, the device must be in normal operation mode!**

## WIRING

Wiring is minimal. Apart from Power supply to SOLO & door release wires, there is no other required wiring.



**\*Do not use the Power out (12V AUX) for electric lock driving! You can use it to power external sensors: Short-term current load (up to 1 minute) - up to 500mA; Long-term current load - up to 100mA! Use separate power source for door electric lock!**

## PROGRAMMING SETTINGS BY SMS (TEXT)

**Note:** You can send individual commands like: `;ATN1=07798765432`; or together in one long text as shown below in text. **Don't exceed 160 characters.**

### SET NUMBERS TO CALL (in order 1 – 5):

`;+ATN1=xxxxxxxxx`; up to `;ATN5=xxxxxxxxx`; **for first call button**  
`;+BTN1=xxxxxxxxx`; up to `;BTN5=xxxxxxxxx`; **for second button**  
(CTN1 to CTN5 for 3<sup>rd</sup> button, DTN1 to DTN5 for 4<sup>th</sup> button).

**SET DELAY TIME (before calling next number):** `;+RTNA=20`;

**CHANGE SPEAKER LEVEL (default is 10 max is 20):**

`;+SPK=12`;

**CHANGE MICROPHONE LEVEL (default is 15 max is 40):**

`;+MIC=15`;

**SET AUTHORISED CALLER ID (CLIP) USERS (up to 1000):**

`;+CLP1=07798765432;CLP2=xxxxxxxxx;CLP3=xxxxxxxxx;CLP4=xxxxxxxxx;CLP5=xxxxxxxxx;CLP6=xxxxxxxxx;CLP7...(up to 1000)`;

### SET OUTPUT SWITCHING CONFIGURATION:

**Output 1** (3 second pulse default = `;OS1=3`;). Change to 5 second pulse `;OS1=5`; Change to latching (ON/OFF): `;OS1=1`;

**Output 2** (3 second pulse default = `;OS2=3`;). Change to 5 second pulse `;OS2=5`; Change to latching (ON/OFF): `;OS2=1`;

**First call ON/Second call OFF:** If you send `;OS1R=1`; (for Output 1) or `;OS2R=1`; (for Output 2), The outputs will be set up to switch so the **1st call** switches the Output **ON** and **next call** switches it **OFF**.

**NOTE:** If the confirmation SMS is needed, put "+" at the beginning of the SMS command: `;+CLP1=xxxxxxxxx;CLP2=xxxxxxxxx`;

**SET USER TO RECEIVE THE ALERT:** Send:

`;+LN6=1;TN1=07798765432`; using your own User phone number.

## OPERATION & TESTING

Follow these steps to test the system...

**1. SWITCH ON THE POWER:** The device will beep once every 10 sec. as it searches for the network. When it connects you will hear 3 quick beeps. BLUE LED starts flashing (2 – 5 are recommended).

**2. PROGRAM BY SMS:** Send minimum setting  
`;+ATN1=07798765432`; (using your own phone number).

**3. REPLY CONFIRMATION:** You should receive an SMS back to confirm the setting. If you don't, you either left off the '+' in the SMS string, or the device is not ready, or the SIM has no credit.

**4. PRESS CALL BUTTON:** The device initiates the call: you hear beeps to start dialing and then a ringtone; (which can be muted: `;+MUT=1`;) )

**5. OPEN THE DOOR:** Press 11 and Output Relay 1 will switch or press 21 and Output Relay 2 will switch.

**SWITCHING RELAY OUTPUTS:** 4 ways to switch the outputs:

**1. DURING AN INTERCOM CALL (DTMF):** Press **11** for Output 1 'ON' & **10** for Output 1 'OFF' (if set to latching) and **21** for Output 2 'ON' & **20** for Output 2 'OFF' (latching only).

**2. BY SMS:** Send: `;ORC1=1`; for Output 1 'ON' & `;ORC1=0`; for Output 1 'OFF' (if set to latching) and `;ORC2=1`; for Output 2 'ON' & `;ORC2=0`; for Output 2 'OFF' (latching only).

**3. BY CALLER ID (dial in):** Call the device from one of the programmed Caller ID numbers (CLP1 – CLP1000). Send `;CLPEN=2`; for operating by any number. Send `;CLPEN=1`; to set back to auth. CLIP Users only.

**4. PRESS TO EXIT:** You can connect your own pushbutton to Alarm Input 1 & ground and switch Output 1 by pressing it. Send: `;OD1=1`; and then connect the button (activate Input 1).

## EASYSET PROGRAMMING SOFTWARE

**Test the unit before trying to use programming software!**

**NOTE:** If you are using 1 or a few users or few PIN access codes, it is far more efficient to use the above SMS setup procedure.

**1. Get the software EasySet & USB driver files** from the CD or WEB.

**2. Install the EasySet software** (please be careful to download the correct PC program - x86 or x64): Double click on \*.msi file.

**3. Plug device into your PC with USB to Mini USB cable:** With valid SIM card and in normal operation mode – the SOLO device must be registered on the GSM network, BLUE LED: 2 – 5 flashes.

**4. Start EasySet SW:** Double click on EasySet icon. The SOLO must be connected to PC via USB. Select connection port: choose the COM port number (Device manager → Ports) and click **Connect**.

**5. Program settings:** Always **"Read configuration"** first, before any programming action by PC. Go through the tabs to change settings. From the 'Home' tab press **"Send configuration" to program the SOLO device**. Then **"Save configuration to file"** for future access via **"Load configuration from file"**.

## TROUBLESHOOTING

Please check the following before calling for support:

**1. Will not connect:** Change network, move antenna or check if connected properly, try before installing: BLUE LED should flash 2 – 5 times.

**2. Audio interference on the phone:** Move antenna to new location, improve signal, don't put antenna near speaker.

**3. Will not call:** Set User number/s to call (ATN1 – ATN5) or check SIM card is working in a phone first.

**4. Gate release doesn't work:** Check connections on gate control side.

## TECHNICAL SUPPORT

See the complete Installation Manual for full information. This is a basic "Quick Start Guide" only. Please contact your Supplier for further information, if you have tried the above and cannot resolve the issue.

Web Server: [www.easysset.eu](http://www.easysset.eu)

Our Android apps EasySet you can install free of charge from Google Play:



<https://play.google.com/store/apps/details?id=com.marscommerce.esweb>



<https://play.google.com/store/apps/details?id=com.marscommerce.easycontrol>

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