NEW W-LOCK – QUICK START GUIDE

Please use web server on: www.easyset.eu
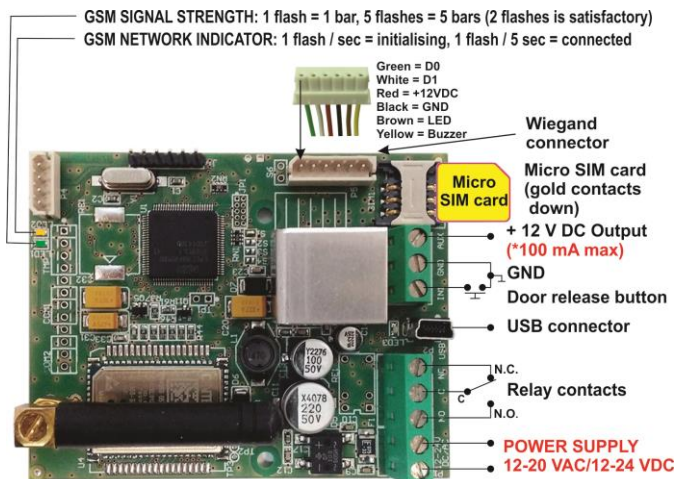
Thank you for purchasing our device.

1. **Please read this Quick Start Guide first…**
2. If antenna is not already mounted on the housing, mount antenna on a mounting location.
3. **Insert SIM card (Micro SIM) in SOLO device** – gold contacts down and cut off corner on the outside (see picture below). **The unit must be switched OFF when you insert the SIM card! IMPORTANT: ERASE THE PIN CODE ON SIM CARD! Insert SIM carefully as SIM holder is fragile if forced!**
4. Connect all the wiring to the mounting location.
5. Power ON the W-LOCK device. **IMPORTANT: We recommend using the appropriate power supply. If you ordered with the device it is enclosed!**
6. 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.
7. SOLO unit is now ready to operate.

IMPORTANT: Before managing - the device must be in normal operation mode!

WIRING

Wiring is minimal and apart from power supply source to W-LOCK & door release (gate automatic etc.) wires, there is no other required wiring.

TERMINAL CONNECTIONS

GSM SIGNAL STRENGTH: 1 flash = 1 bar, 5 flashes = 5 bars (2 flashes is satisfactory)
GSM NETWORK INDICATOR: 1 flash / sec = initialising, 1 flash / 5 sec = connected

Green = D0
White = D1
Red = +12VDC
Black = GND
Brown = LED
Yellow = Buzzer

Wiegand connector
Micro SIM card (gold contacts down)
+ 12 V DC Output (*100 mA max)
GND
Door release button
USB connector
N.C.
Relay contacts
N.O.
POWER SUPPLY 12-20 VAC/12-24 VDC

Do not use the 12V AUX power output 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: *;PIN1=1234;* or together in one long text as shown below in text. **Don't exceed 160 characters.**

SETUP PIN ACCESS CODES (PIN1 to PIN1000) – FOR KEYPAD:
Set 4 digit PIN access codes by sending SMS to W-LOCK:
;PIN1=1234;PIN2=2345;…to…;PIN1000=5588;

NOTE: If the confirmation SMS is needed, put "+" at the beginning of the text command: ;+PIN1=1234;PIN2=2345;

Delete PIN access codes by sending:
;PIN1=;PIN2=;PIN3=;PIN4=;PIN5=; … up to ;PIN1000=;

Check current PIN access codes: Request all PIN codes: *;PPIN;*
Request a block of PIN codes: *;PPIN=1,5;* (access codes 1 – 5)

SETUP TEMPORARY SPIN ACCESS CODES (SPIN1 to SPIN50):
Up to **50 SPIN** Access Codes and how many of times will it be used.

NOTE: Set the SPIN codes active output first: *;SPINO=1;*. and SPIN code and how many times will it be used: *;SPIN8=4321;SPINC8=3;*

Explanation: Output set to trigger is Relay 1, SPIN8 code 4321 can be used 3 times and after the 3th time won't be valid anymore.

Check current SPIN access codes: *;PSPIN;* - prints SPIN parameters.

USING THE KEYPAD FOR ACTIVATING THE OUTPUT:

Type PIN or SPIN access code on the keypad and press '**#**' to confirm:
Ex.: **1234#** (1 long beep = PIN correct, 3 short beeps = PIN incorrect)

SETUP CALLER ID USERS (CLIP)

Add Caller ID Users for incoming call access:
;CLP1=xxxxxxxxx;CLP2=xxxxxxxxx; … up to CLP500=xxxxxxxxx;

Delete Caller ID Users for incoming call access:
;CLP1=;CLP2=;CLP3=;CLP4=;CLP5=; … up to CLP500=;

Check current Caller ID Users: Request all Users: *;PCLP;*
Request a block of user slots: *;PCLP=1,5;* (user slots 1 – 5)

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;*

ACCESSING TO THE UNIT FOR CHANGING PARAMETERS:
Set the **TN1 – TN5** telephone numbers of **Authorized Users**, who have the full access to the W-LOCK unit (to set or delete Caller ID numbers of the users, change parameters, receive alarms, …):
;TN1=xxxxxxxxx;TN2=xxxxxxxxx;…;TN5=xxxxxxxxx;

SECURITY LEVEL – SL:
SL parameter from 0 to 5 defines which telephone number stored in the phone book from TN1 – TN5 can enter into programming and remote control of the W-LOCK.
SL=0 – All calls and SMS are accepted
SL=1 – Only number stored under parameter TN1 has access to the W-LOCK device, …
SL=4 – Numbers stored under parameters TN1 to TN4 have access to the W-LOCK device.
Example: *;SL=1;* – Only the TN1 has access to the W-LOCK device.

OPERATION & TESTING
Follow these steps to test the system…

1. SWITCH ON POWER: The device starts to initialize indicated by YELLOW flashing once per second. When YELLOW is flashing once per 5 seconds and GREEN starts flashing, the device is ready to program. Between 2 – 5 GREEN flashes is recommended.

2. PROGRAM BY SMS: Send minimum setting (1 PIN access code or 1 User phone number): *;PIN1=1234;* or *;CLP1=phonenumber;*

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. TEST THE W-LOCK DEVICE: Call from the phone set as CLP1 to test the output switch or type PIN code on keypad and press '#'.

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 carefull 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 W-LOCK device must be registered on the GSM network, GREEN LED: 2 – 5 flashes.
4. Start EasySet SW: Double click on **EasySet icon.** The W-LOCK 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 W-LOCK. Then **"Save configuration to file"** for future access via **"Load configuration from file"**.

TROUBLESHOOTING
Please check the following before calling for support:
1. You have GSM signal (GREEN flashing LED),
2. You have a tested, credited, working SIM card inserted,
3. You have followed above 'OPERATION & TESTING' procedure.

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.