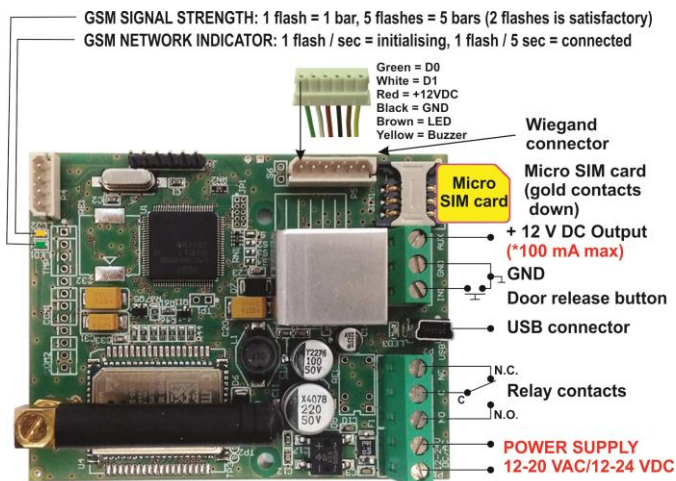# WIGI – QUICK START GUIDE

Please use web server on: www.easyset.eu

1. **Read this Quick Start Guide first…**
2. Install wiring from power source to WIGI location.
3. **IMPORTANT: USE A MICRO SIM CARD (Micro-SIM)** Insert SIM card to be used for WIGI in your personal mobile phone to erase PIN code.
4. **IMPORTANT: ERASE THE PIN CODE ON SIM CARD!**
5. **Insert SIM card in WIGI device** as detailed below – 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!
6. Connect Wiegand input and output to WIGI device.
7. Connect power cable to WIGI device.
8. Connect device to source power supply voltage (12-20VAC or 12-24VDC).
9. Wait until YELLOW LED start flashing in 5 sec interval (0,5 sec ON / 5 sec OFF) and GREEN LED starts flashing. This is set in around 30 seconds.
10. WIGI device is now ready to operate.

WIRING

Wiring is minimal: power supply to WIGI & connecting external 3th party keypad & connecting 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 / 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
;CLP1=07798765432; or together in one long text as shown.
Don't exceed 160 characters.

SET UP CALLER ID USERS (CLIP)

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

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

Delete Caller ID Users: *;CLP1=;CLP2=; CLP3=;… 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)

SETUP PIN ACCESS CODES (PIN1 to PIN1000) – FOR KEYPAD:

Set 4 digit PIN access codes by sending SMS to WIGI device:
;PIN1=1234;PIN2=2345;…;PIN1000=5588; (first digit ≥ 1)

Delete PIN access codes: *;PIN1=;PIN2=;PIN3… 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)

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 WIGI 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 WIGI.
SL=0 – All calls and SMS are accepted
SL=1 – Only number stored under parameter TN1 has access to the WIGI unit, …
SL=4 – Numbers stored under parameters TN1 to TN4 have access to the WIGI unit.
Example: *;SL=1;* – Only the TN1 has access to the WIGI unit.

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 second it is registered to the network and GREEN flashes signal strength, the device is ready to program. Between 2 – 5 GREEN flashes is recommended.
2. **PROGRAM BY SMS:** Send minimum setting (1 User phone number): *;+CLP1=xxxxxxxxxxxx;* (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, the device is not ready or the SIM has no credit.
4. **CALL THE WIGI DEVICE:** Call from the phone number set as CLP1 to test the output switch.

PROGRAMMING SOFTWARE EASYSET

Test the unit before trying to use programming software.
NOTE: If you are using 1 alarm input and 1 or a few users, it is far more efficient to use the above SMS set up 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 WIGI device must be registered on the GSM network (GREEN LED: 2 – 5 flashes .
4. **Start EasySet SW:** Double click on **EasySet icon.** The WIGI 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 WIGI**. 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,
3. You have followed above 'OPERATION & TESTING' procedure.

TECHNICAL SUPPORT

See the complete 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.