

# iGenerator Watchdog LINK for GENERAC modbus

## Procedure for Installation

### The unit is PRE-CONFIGURED with a GSM SIM

1. Find a suitable location for the unit inside the generator possibly in such a way that you can see the LED's (on the small GENERAC we suggest the right side near the battery). Use 2 self tapping screws, and create a passage for the wires.
2. Drill a 1/4 inch hole on the outside case of the generator (usually marked with an X for the GENERAC Mobile Link. Again on small units this is near the right back corner), and mount the Watchdog LINK antenna using the nut and the lock-washer supplied. **Tighten the antenna nut so that it does not come loose with the vibration of the generator.**
3. Connect the female antenna to the female of the unit using the cable supplied. **Tighten the antenna nut so that it does not come loose with the vibration of the generator.**
4. Connect the MODBUS connector to the Nexus or Evolution controller (usually you need to peel a label on "ACCESSORY PORT #1").
5. Then connect the 12V wire tail to the battery.

The Watchdog-LINK will transmit its serial number to the iGeneratorMonitor.com server, and self register. The subscription will be activated automatically at this time.

The four LED's from left to right:

#### 1. RED - "GEN" - generator/MODBUS status:

- off = no generator connected/controller switched off
- slow flashes = error talking to controller
- quick flashes = communicating with controller
- brief flash every second, idle = successfully connected to controller

#### 2. RED - "SW" - transfer switch monitor status (when connected to SW accessory)

#### 3. GREEN - "LAN" - LAN connection status:

- off = no LAN connection
- slow flashes = error talking to communicate over LAN
- quick flashes = sending data over LAN
- brief flash every second, idle = LAN link active, in use

#### 4. GREEN - "CELL" - cell network status:

- off = no cell connection
- slow flashes = error sending data via cell network
- quick flashes = sending messages via cell network
- brief flash every second, idle = cell connection active

**Attention: in July 2020 we changed the firmware boot LED sequence and their meaning. The complete boot sequence is here:**

- <https://www.youtube.com/watch?v=yj8egjLe1G4>

## Extra Procedure for registering the owner

In order for you (the owner) to receive notifications, you must register yourself to the following web site:

- <http://igeneratormonitor.com/>
- Click on button "Register New Monitor" <http://igeneratormonitor.com/users/register>

- Enter the monitor Serial Number, your name, email, etc.  
Note: the email will be used to send you notifications, and is also used as a USER ID for you to login. This email can be changed by you at any time, hence do not be afraid to use it. We will send you ONLY the status changes of your generator.
- After registering, try to log out and log in again <http://igeneratormonitor.com/monitor> and view your monitor

## **Extra Configuration for Dealers/Installers**

AS A DEALER / INSTALLER / RESELLER you have one extra simple step, which is to login into your own account using the email and password that was sent to you with your first purchase. After logging in you should be able to verify:

- All the units you purchased should appear in your list
- The particular unit you just installed appears now in the TOP section, and it is ACTIVE.
- The units not installed yet, appear in the bottom section.

You now will receive the same notification that your customer receives.

If the unit does not appear in your monitors list, after you logged in as a dealer, then:

- Click on the button VIEW MONITORS
- Scroll to the bottom of the list
- Click on REGISTER MONITOR button