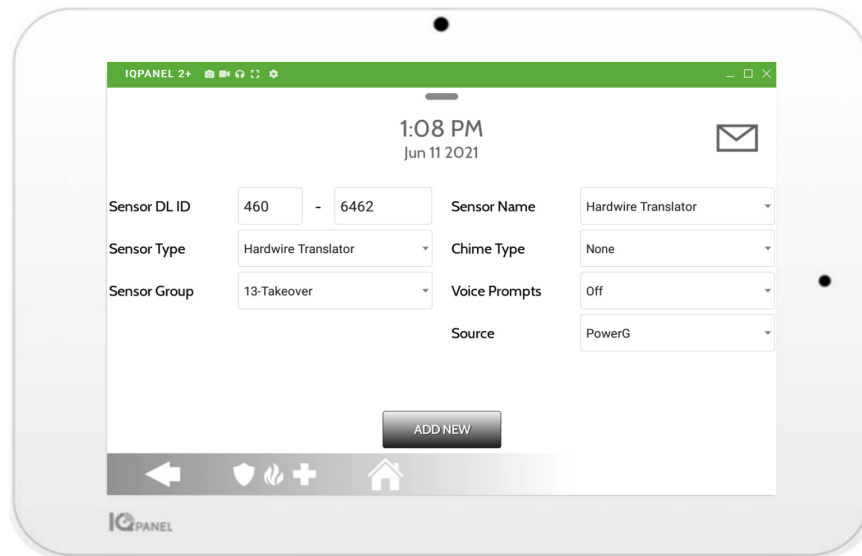


# PG9WLSHW8

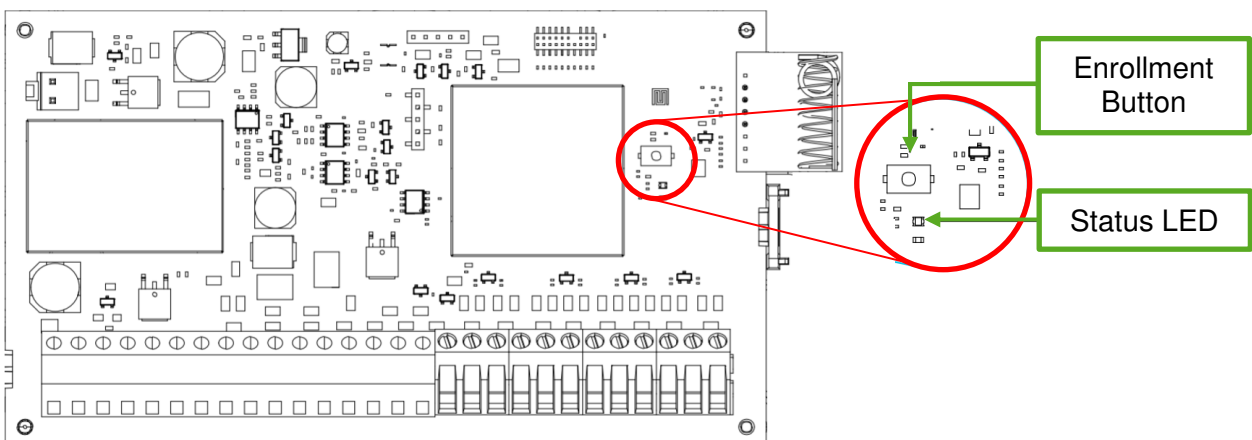
## Enrollment of the PG9WLSHW8



The IQPanel 2+ v2.5.3 and higher panels will support up to two PG9WLSHW8 hardwired to PowerG wireless translators.

**PG9WLSHW8** ~ say that five times fast... why so many characters?

- PG = PowerG wireless compatible
- 9 = 912MHz – 919MHz PowerG frequency used in North America
- WLS = Wireless
- HW = Hardwired
- 8 = Number of hardwired zones built into the module



# PG9WLSHW8

## Enrollment process:

### Step 1:

Power up the PG9WLSHW8, plug in the battery first and then the AC transformer.

### Step 2:

Default the PG9WLSHW8 by pressing the Enrollment Button for approximately 10 seconds until the Status LED comes on solid RED.

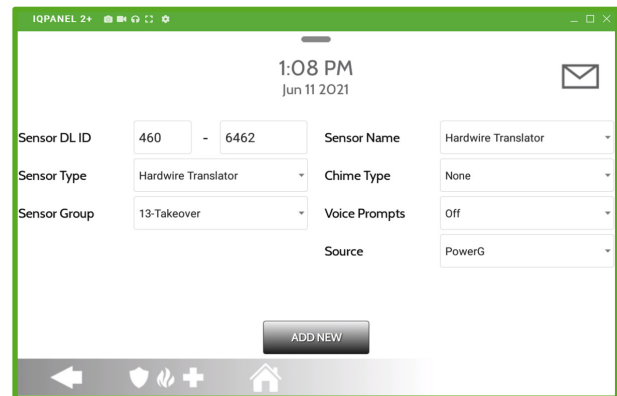
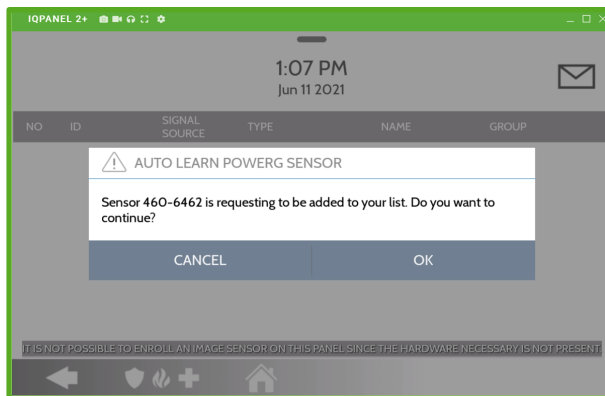
- **Tech Tip:** Hold the Enrollment Button past the first LED state of ORANGE until the Status LED turns RED.

### Step 3:

Enter into 'Auto Learn Sensor' of the IQPanel 2+ programming.

Settings > Advance Settings > Installation > Devices > Security Sensors > Auto Learn Sensor.

Press the Enrollment Button on the PG9WLSHW8 module for approximately 3 seconds, once the Status LED flashes ORANGE release the Enrollment Button, immediately. DO NOT HOLD.



Once the PG9WLSHW8's ESN populates, confirm the ESN, then click 'OK' and click 'ADD NEW'.

- **Tech Tip:** Change the Sensor Name as needed. The other programming options do not need to be changed.

### Step 4:

Confirm the signal strength of the PG9WLSHW8 by pressing the Enrollment Button for 1 second. The Status LED will flash to confirm the signal strength:

- 3 x **GREEN** flashes = Strong
- 3 x **ORANGE** flashes = Medium
- 3 x **RED** flashes = Poor

- **Tech Tip:** Test the PG9WLSHW8 multiple times to confirm a stable signal strength. Add a PG9920 repeater if needed for better signal strength.

# PG9WLSHW8

Each PG9WLSHW8 will populate into 9 zone slots of the IQPanel 2+. The first slot will be assigned to the Hardwire Translator and each hardwired zone input (Input 1 – Input 8) will be assigned to an independent zone slot of the IQPanel 2+. These zone slots will be in sequential order if there are no open zone slots in the prior zone list. See the example below.

| NO | ID       | SIGNAL SOURCE | TYPE                | NAME                | GROUP                      |
|----|----------|---------------|---------------------|---------------------|----------------------------|
| 1  | 460-6462 | P             | Hardwire Translator | Hardwire Translator | 13-Takeover                |
| 2  | 460-6462 | P             | Door/Window         | Input 1 Zone 2      | 10-Entry-Exit-Normal Delay |
| 3  | 460-6462 | P             | Door/Window         | Input 2 Zone 3      | 10-Entry-Exit-Normal Delay |
| 4  | 460-6462 | P             | Door/Window         | Input 3 Zone 4      | 10-Entry-Exit-Normal Delay |

| NO | ID       | SIGNAL SOURCE | TYPE        | NAME           | GROUP                      |
|----|----------|---------------|-------------|----------------|----------------------------|
| 6  | 460-6462 | P             | Door/Window | Input 5 Zone 6 | 10-Entry-Exit-Normal Delay |
| 7  | 460-6462 | P             | Door/Window | Input 6 Zone 7 | 10-Entry-Exit-Normal Delay |
| 8  | 460-6462 | P             | Door/Window | Input 7 Zone 8 | 10-Entry-Exit-Normal Delay |
| 9  | 460-6462 | P             | Door/Window | Input 8 Zone 9 | 10-Entry-Exit-Normal Delay |

\*\*\*

\*\*\* Input 4 Zone 5 is in sequence, but off screen of the screen shots above.

## Step 5:

Edit the zones as needed.

Settings > Advanced Settings > Installation > Devices > Security Sensors > Edit Sensor.

1:12 PM  
Jun 11 2021

+  
AUTO LEARN  
SENSOR

+  
ADD SENSOR

✎  
EDIT SENSOR

🗑️  
DELETE SENSOR

🛡️  
SENSOR STATUS

📁  
SENSOR GROUP

🚶  
PANEL MOTION  
SETTINGS

🔌  
REMOVE ALL  
POWERG SENSORS

🔌  
POWERG OUTPUT  
RULES

| NO | ID       | SIGNAL SOURCE | TYPE                | NAME                | GROUP                      | EDIT |
|----|----------|---------------|---------------------|---------------------|----------------------------|------|
| 1  | 460-6462 | P             | Hardwire Translator | Hardwire Translator | 13-Takeover                | ✎    |
| 2  | 460-6462 | P             | Door/Window         | Input 1 Zone 2      | 10-Entry-Exit-Normal Delay | ✎    |
| 3  | 460-6462 | P             | Door/Window         | Input 2 Zone 3      | 10-Entry-Exit-Normal Delay | ✎    |
| 4  | 460-6462 | P             | Door/Window         | Input 3 Zone 4      | 10-Entry-Exit-Normal Delay | ✎    |

Click on the EDIT icon  and edit the zone information as needed.

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Sensor DL ID: 460 - 6462

Hardwire Input: 1

Sensor Type: Door/Window

Sensor Group: 10-Entry-Exit-Normal Delay

Input Mode: End Of Line

Sensor Name: Custom Description

Chime Type: High Wire

Voice Prompts: On

Source: PowerG

SAVE

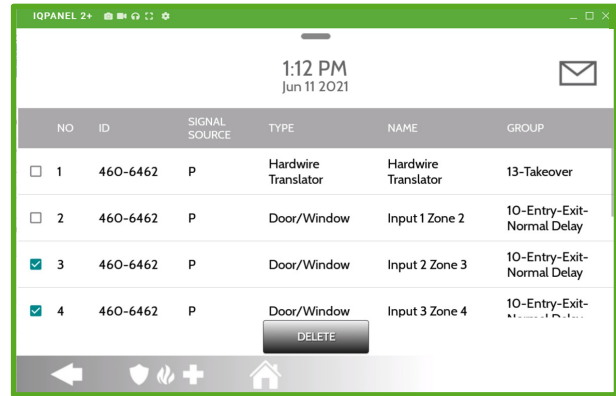
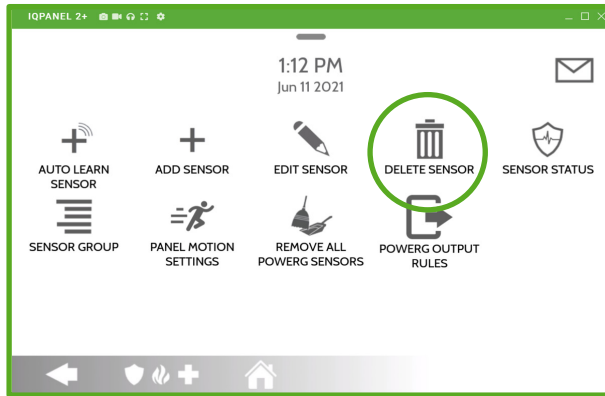
Click 'SAVE'.

# PG9WLSHW8

## Step 6:

Delete the unused zones as needed.

Settings > Advanced Settings > Installation > Devices > Security Sensors > Delete Sensor.

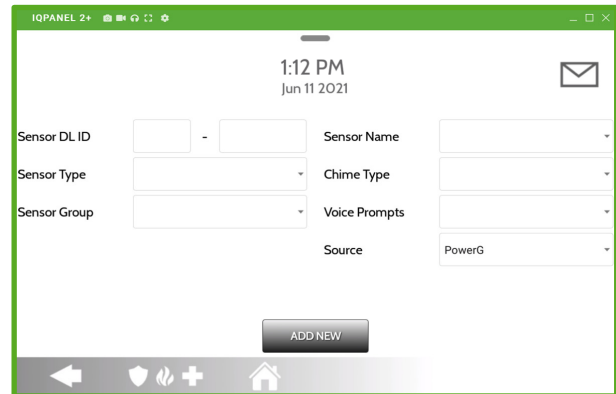
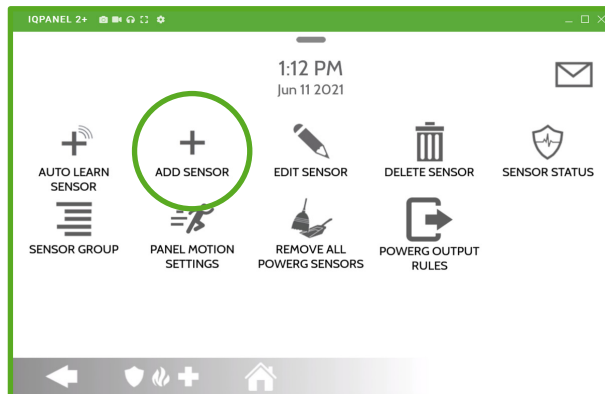


Select ☒ the zones to be deleted and click 'DELETE'.

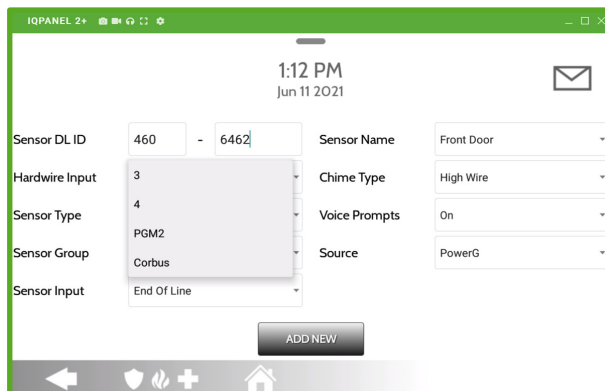
## Restoring PG9WLSHW8 Deleted Zones:

Deleted zones can be restored into the system by manually enrolling the PG9WLSHW8's ESN under the Add Sensor menu.

Settings > Advanced Settings > Installation > Devices > Security Sensors > Add Sensor.



Enter the PG9WLSHW8's ESN into 'Sensor DL ID', select the 'Hardwire Input' to be restored, edit the zone information as needed and click 'ADD NEW'.



If additional wireless zones have been enrolled after the PG9WLSHW8 zone inputs were deleted, the inputs being restored will enroll into the next zone slots the panel has available.

\* If it is desired to keep the PG9WLSHW8's zone in sequential order (grouped together), the existing zones occupying the sequential slots must be deleted, then reenrolled into the panel once the PG9WLSHW8's inputs have been restored back to the panel.