

# What are NGP Pods?

Last Modified on 10/06/2022 4:15 am EDT

## Question

What are NGP Pods?

## Answer

The NGP physically has two parts:

1. System on Module ("SOM") board.
  - a. This is the smaller board mounted above.
  - b. It is the CPU of the NGP system.
2. Onboard I/O board.
  - a. This is the larger board beneath.
  - b. Internal Serial Number = 8888.
  - c. Module ID (Pod) = 99.
  - d. DeviceID = 65
  - e. For an NGP model with built in Onboard doors, then the doors will have additional DeviceIDs = 1 and 2

Other Pod numbers will be assigned as they are added to the NGP system, starting with '1'. Modules, or Pods, are components that each have a unique serial number. For instance, if a keypad is added first, it will be Pod #1. If an NGP-1100 is then added, it will be Pod #2. If an NGP-1320 is then added, it will be Pod #3.

A Pod comms error on the keypad can be generated by

1. incorrect VBUS items, such as the number of configured inputs or outputs does not match the hardware that is actually available (1100's, 1208's, etc.).
2. A power interruption.
3. A communication interruption (between pods and the SOM board).
4. A Firmware upgrade, where there is a disconnect between all pods. The status is recognized, but not cleared, after connection is resumed. This Pod comms is not harmful to operations. Once viewed at the keypad, the Pod comms will clear from the status. Consider the following: On the NGP panel Equipment tab, set Pod Trouble Preprocess time to None (to mask these). This is better than masking out the System Trouble.

A Pod 99 tamper alarm can be generated by:

- a. One or both of the front and back tampers on the main panel are not closed.
- b. The panel Point reset time is set to less than 2 seconds. It should be 2 seconds or more.

# Applies To

NGP

## Additional Information

---