

Honeywell Life Safety
12 Clintonville Road
Northford, CT 06472

IPGSM-4G Commercial Fire Communicator

After completing the setup installation using **IPGSM-4G Installation and Setup Guide # 800-12454 7/12 Rev. B**, perform the following steps for inspection and testing a unit:

Inspection and testing: Initial/Reacceptance/ Semiannually

A. Visual inspections:

- 1) Antenna secured and connected to the iGSM Communications Module
- 2) LED Display board secured
- 3) Dialer Capture Module with Telco 1 and Telco 2 cables installed from Fire Alarm Control Panel
- 4) iGSM Communications Module secured, Ethernet cable installed
- 5) PowerBoost1 secured, verified Earth Ground
- 6) Ferrite Filter installed
- 7) Transformer, 18 VAC secured
- 8) Battery (7Ah) shall be inspected for corrosion and leakage
- 9) Confirm all wiring terminals and connectors are tight
- 10) Confirm all wiring secured with cable ties
- 11) Ensure the cabinet door lock is installed and functioning

B. Quiescent Operation Checks: Refer to Setup Guide for location of LEDs

- 1) AC ON (Green) viewed from outside door or bottom LED on the LED Display board
- 2) iGSM Communications Module, Ethernet cable installed
 - a. Green Status LED – off
 - b. Yellow Status LED – flashing
 - c. Red Status LED – off
 - d. Signal Strength LEDs – one red, two yellow, and at least one green lit solid
 - e. Green Ethernet LED – on
- 3) PowerBoost1
 - a. Green AC LED – on
 - b. Green Active LED – flashing
- 4) Dialer Capture Module
 - a. Green LED – on
 - b. Red LED – flashing

C. Test System on Secondary Power (Battery)

- 1) Notify the central station that a test will be conducted.
- 2) Disconnect Transformer, 18 VAC
- 3) Verify PowerBoost1 AC LED OFF
- 4) Close and lock the cabinet cover
- 5) Activate an Alarm event from the Fire Alarm Control Panel
- 6) Restore the Alarm event
- 7) Activate an Supervisory event from the Fire Alarm Control Panel
- 8) Restore the Supervisory event
- 9) Activate an Trouble event from the Fire Alarm Control Panel
- 10) Restore the Trouble event
- 11) Restore AC power (Transformer)
- 12) Call central station to confirm receipt of the above events

D. Test System on Primary Power

- 1) Notify the central station that a test will be conducted.
- 2) Verify Transformer, 18 VAC connected
- 3) Verify PowerBoost1 AC LED ON
- 4) Close and lock the cabinet cover
- 5) Activate an Alarm event from the Fire Alarm Control Panel
- 6) Restore the Alarm event
- 7) Activate an Supervisory event from the Fire Alarm Control Panel
- 8) Restore the Supervisory event
- 9) Activate an Trouble event from the Fire Alarm Control Panel
- 10) Restore the Trouble event
- 11) Call central station to confirm receipt of the above events

E. Test Battery Failure and Radio Fault Supervision

- 1) Notify the central station that a test will be conducted.
- 2) Disconnect battery
- 3) Verify PowerBoost1 AC LED ON
- 4) Close and lock the cabinet cover
- 5) Wait 60 seconds
- 6) Verify Low Battery LED is lit
- 7) Fire Alarm Control Panel should indicate Telco line 2 fault within 200 seconds
- 8) Disconnect Telco line 1 from the panel
- 9) Fire Alarm Control Panel should indicate Telco line 1 fault within 200 seconds
- 10) Reconnect Telco line 1
- 11) Reconnect battery
- 12) Verify Low Battery LED is off
- 13) Call central station to confirm receipt of Telco 2 fault and restore

F. IP/GSM mode 24 hour daily Test report event

- 1) Call central station for confirmation of the 24 hour daily test report event