



Orange County Fire Authority, Fire Prevention Division

Approval of Alternate Technology as Single Path of Communication

The following technology, with the specific configuration, equipment, and requirements listed below, has been approved for use within the jurisdictions served by the OCFA. This approval letter shall be included on all plans submitted to the OCFA for alarm or monitoring systems utilizing this technology.

System Name: *IPGSM-4G cellular GSM*

Transmission Technology: *Single path via Internet or Cellular GSM/GPRS; transmits IP data via 2G/3G/4G network or Internet to the Honeywell AlarmNet Network Control Center, which then routes information via Internet or phone to central station; also listed as a dual path communicator with primary Internet path and back-up cellular path.*

Method of signal and data integrity: *Method 1—repetition (AES256 bit)*

Communicator Make/Model: *IPGSM-4G, CSFM listing 7300-1645:0199*

Receiver Make/Model: *IPGSM-4G compatible AlarmNet receiver*

Data Throttling capable?: *No throttling feature.*

Central Station: *Any, though signal must be routed through AlarmNet Control Center*

Special Requirements:

- Any failure of the communication path shall be annunciated at the central station within 5 minutes.
- Incomplete, corrupted, or other signal errors will be recorded and displayed at the central station.
- The record and display rate of subsequent alarms will not be less than one every 10 seconds.¹
- Communicator is compatible with any fire panel using Contact ID communications format.
- IPGSM-4G must be mounted in same room and within 20 feet of the fire panel.

Inspection procedure:

¹*Record and display rate can be tested by initiating two alarm devices simultaneously and then comparing time they were received/recorded by central station.*

Three bars lit solid and steady indicates acceptable signal strength. Four or five bars are optimal.

Approved: 3-20-14, SR193704