



FIRE PREVENTION & PUBLIC SAFETY BUREAU

APPROVAL OF ALTERNATE TECHNOLOGY AS SINGLE COMMUNICATION PATH

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

System Name: Potter IntelliCom-5G Cellular Communicator for AT&T and Verizon LTE-M Networks

Transmission Technology: Cellular GSM/GPRS via either the AT&T LTE-M (INTELLICOM-5G-A) or Verizon LTE-M (INTELLICOM-5G-V) wireless network pursuant to manufacturer's certification; transmits cellular data to Telguard Communication Center, which then forwards TCP/IP data to designated central station.

Method of signal and data integrity: Method 1 – signal repetition

Communicator Make/Model: Potter Electric Signal Co. Model INTELLICOM-5G-A and INTELLICOM-5G-V; CSFM listing 7300-0328:0546.

Receiver Make/Model: UL listed compatible POTS/IP receivers that work with Contact ID or SIA 2. **All other communication formats are prohibited due to not meeting UL 864 requirements.**

Data Throttling capable?: None indicated in manufacturer's installation instructions.

Central Station: Any LAFD-approved[†] central station supervising station equipped with a compatible receiver.

Special Requirements:

- [†] The central station supervising station must possess and maintain a current "F425" Fire Permit through the City of Los Angeles Office of Finance. Expiration or other loss of permit voids this approval.
- Any failure of the communication path shall be annunciated at the central station within 60 minutes.¹
- Incomplete, corrupted, or other signal errors will be recorded and displayed at the central station. *Communicator will resend message if receipt is not acknowledged by receiver at central station.*
- The record and display rate of subsequent alarms will not be less than one every 10 seconds.²
- Approved for use with any local or remote antenna certified by the manufacturer for use with this product.
- All connections from the fire alarm panel and IntelliCom must be mechanically protected and no greater than 20 feet in distance.

Inspection procedure:

¹Verify maximum 60-minute check-in and fail timing. Timing is programmed by installer into the communicator.

²Record and display rate can be tested by initiating two alarm devices simultaneously and then comparing time they were received/recorded by central station.

Annunciator can display/verify: cellular signal strength (bar graph); modem operation, SIM card detection, cell tower detection, verification of SIM activation; if internet access and communication path is good.

APPROVED BY: _____ DATE: 01/11/2024