



Life Safety Communications Gateway

A Complete Solution for Landline Replacement

GSM 1004G LTE-A and 2004G LTE-A

Product Specifications

GSM 1004G LTE

- Application: POTS/Analog phone line replacement for Elevators, Emergency Phones and Facility Entry Systems where remote programming is not required.
- 4G VoLTE Chip Set with Voice and Data output, GSM quad band: 850/900/1800/1900MHz
- Go/No Go Signal Indicator
- Uses the GSM cellular network, AT&T and T-Mobile
- FCC Approved
- Meets ASME Communication requirements for Elevators **A17.1 Section 2.27**
- Operating voltage: 12VDC
- 24 – Hours of stand-by power with AL624 power supply module, transformer and 7.0 Ah battery. Battery not included.
- Hang voltage on RJ11 phone jack: 45-Volts
- Dial Tone Frequency: 450 Hz (True Dial Tone).
- Dial Tone Fail will annunciate on the elevator phone line verifier on systems installed after 2014 ASME code requirements.
- SMA Female antenna port with outdoor high gain antenna
- Includes SIM card for registration by the end-user

GSM 2004G LTE AOR

- Application: POTS/Analog phone line replacement for new construction Elevators, Area of Refuge and 2-Way Communications systems.
- 4G VoLTE Chip Set with Voice and Data output GSM quad band: 850/900/1800/1900MHz
- Go/No Go Signal Indicator
- Uses the GSM cellular network, AT&T and T-Mobile
- FCC Approved
- Meets ASME Communication requirements for Elevators **A17.1 Section 2.27**
- Meets UL-1481 and NFPA-72, 2016 power monitoring requirements when using the provided outputs for AC Loss and Low Battery. Requires an interconnection to the facility fire alarm control panel and remote station monitoring.
- Operating voltage is 12VDC, requires line voltage to onboard power supply.
- 24-Hours of stand-by power with 7.0 Ah battery. Battery not included.
- Hang voltage on RJ11 phone jack: 45-Volts
- Dial Tone Frequency: 450 Hz (True Dial Tone).
- Dial Tone Fail will annunciate on the elevator phone line verifier on systems installed after 2014 ASME code requirements.
- SMA Female antenna port with outdoor high gain antenna.
- Includes SIM card for registration by the end-user

INSTALLATION OVERVIEW

SPECIAL NOTE: This device is not intended to be installed in the elevator equipment room, on top of the elevator car or hoist-way unless you are a licensed elevator mechanic or electrician.

Best Installation Practices Include: Review the facility for locations offering the best signal strength on the 4G LTE GSM network. Start at the phone company D-Marc, this is often the easiest place to mount the cell unit and typically where the elevator phone line(s) terminate. If the phone room is not successful for a quality cell signal it may be necessary to relocate to a floor or two above using an existing raceway for CAT-5's and other phone cables. Locate the elevator's phone line either by phone number or using a tone device. Keep in mind that its often easier to run a CAT-5 cable verses extending an antenna cable. However, if you can get the antenna outside, in a cable run less than 50-Feet, with a quality signal, this could be your best option. Follow local code requirements and regulations when installing this device.