RESCUE GSM
Life Safety Communications Gateway

A Complete Solution for Landline Replacement

GSM 1004G LTE and 2004G LTE AOR

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
- Signal strength indicator, 1-4 bars is acceptable
- Uses the GSM cellular network, AT&T and T-Mobile
- FCC Approved Document Number: XMR201606EC21A
- Meets ASME Communication requirements for Elevators **A17.1 Section 2.27**
- Operating voltage: 12VDC
- 10 – Hours of stand-by power with built in 1800 Mah 7.2 V rechargeable battery pack providing 2-Hours of talk time.
- 24 – Hours of stand-by power with add-on AL624 power supply module, 16.5 40VA transformer and 7.0 Ah battery providing 6 - Hours of Talk time
- Hang voltage on RJ11 phone jack: 45-Volts
- Dial Tone Frequency: 450 Hz (True Dial Tone).
- Dial Tone and Signal Fail cuts line voltage and will annunciate Trouble on the elevator phone line monitor panel, systems installed after 2009 ASME code requirements.
- SMA Female antenna port with 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 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 Document Number: 2ALPIETS8848
- 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 not included.
- Hang voltage on RJ11 phone jack: 45-Volts
- Dial Tone Frequency: 450 Hz (True Dial Tone).
- Dial Tone and Signal Fail cuts line voltage and will annunciate Trouble on the elevator and AOR phone line monitor panel, systems installed after 2009 ASME code requirements.
- SMA Female antenna port with 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.