



LTE Critical Communications

2004G LTE-SMS EMERGENCY PHONE LTE CELLULAR VOICE GATEWAY

PRODUCT OVERVIEW & SPECIFICATION SHEET

APPLICATION

Rescue GSM is a complete POTS/analog phone line replacement solution for elevators and emergency phones. The 2004G LTE-SMS meets ASME A17.1, Section 2.27 for elevators. All Rescue GSM gateways meet the code requirements for Communication Failure and work with all 3rd Party Line Verification panels.

RAPID DEPLOYMENT

All components are included with one NEMA rated enclosure. Upon SIM card activation, phone line identified, a location with quality cellular signal and power source have been identified, the gateway can be deployed in a matter of minutes with simple programming required to send SMS.

SMS NOTIFICATIONS FOR POWER TROUBLE

The 2004G LTE-SMS will send text messages for power fail and low battery conditions to three different phone numbers alerting building owners and managers to a potential communication problem on the Life Safety systems.

PREDICTIVE ANALYTICS SOFTWARE

All Rescue GSM gateways accommodate auto learning algorithms which allow it to establish normal behavior parameters with-in the visible local cellular network. While focusing on 4G, LTE spectrum frequencies, the gateway will automatically revert to 3G in an outage or emergency situations. Software also accommodates additional hang-up protocols for calls initiated from the emergency phone to the remote monitoring facility.

4G LTE MiMo UTILIZATION

Rescue GSM now leverages 4G LTE MIMO or 700MHz network which will deliver increased radio efficiency, immense numbers of connected devices, lower latency, improved reliability, longer stand-by battery life and better In-Building services, creating an optimized and cohesive signal environment.



2004G LTE-SMS with power and battery trouble notifications.

Code requirements: Meets ASME A17.1, Section 2.27

Signal strength indicator: Go/No Go Technology with optional LCD display showing cellular network readings in dB format.

FCC approved: Yes

PTCRB network certification: Yes

LTE bands: 2, 4 and 12

Cellular service providers: T-Mobile or AT&T

Voltage output on RJ11: 50V

SIM card: Includes SIM card for T-Mobile service with activation instructions.

Service plan requirements: Minimum voice plan with SMS or text messaging, data not required.

Operating voltage: 12V DC

Battery Back-up: 7.2V DC, Li-Ion, 1880 mAh rechargeable battery.

Stand-by Time: 12~14 Hours

Talk time on battery: 4~6 Hours of talk time.

SMS alerts for power trouble: Yes, up to (3) predetermined cellphone devices.

Communication failure compliant: Yes, requires line verifier module, compatible with 3rd Party line verifiers.

Dial-tone Frequency: 450 MHz, true dial-tone

Call termination protocols: Call disconnects on; Return to dial-tone, busy signal, line polarity reversal and flash signal.

Optional RGSM CTM: Call termination module can be added in the event dial-tone and busy signal frequencies are altered over the cellular network or the monitoring station doesn't offer Flash Disconnect [* #]. This device auto-corrects the associated frequencies required to end the call.

Operating temperatures: 35° F to 120° F

Relative humidity: 85% +/- 5%

Antenna size: 3dB with screw mount and 8-Foot cable

Antenna port: SMA

Enclosure

- Enclosure type: NEMA rated, polycarbonate
- Size: Size: (W)13.133" x (L)11.916" x (D)3.812"
- Safety & Warning graphics: Yes
- Color: Gray
- Lock: Optional

Please check with the Authority Having Jurisdiction for modified code regulations that may apply when installing Life Safety products.