RESCUE GSM
LTE Critical Communications

1004G/2004G LTE-A
EMERGENCY PHONE
LTE CELLULAR VOICE GATEWAY

PRODUCT OVERVIEW & SPECIFICATION SHEET

APPLICATION

Rescue GSM is a complete POTS/analog landline replacement solution for Elevators, 2-Way Communications, Area of Refuge and other Emergency Phones. The 1004G LTE-A meets ASME A17.1, Section 2.27 for elevators and the 2004G LTE-A meets NFPA-72 power monitoring requirements for Two-Way Communications. All Rescue GSM gateways meet the code requirements for Communication Failure.

RAPID DEPLOYMENT

The gateway and preinstalled SIM card are included with one NEMA rated enclosure. Upon SIM card activation, phone line identification, a location with quality cellular signal and power source have been identified, this gateway can be deployed in a matter of minutes with no additional programming required.

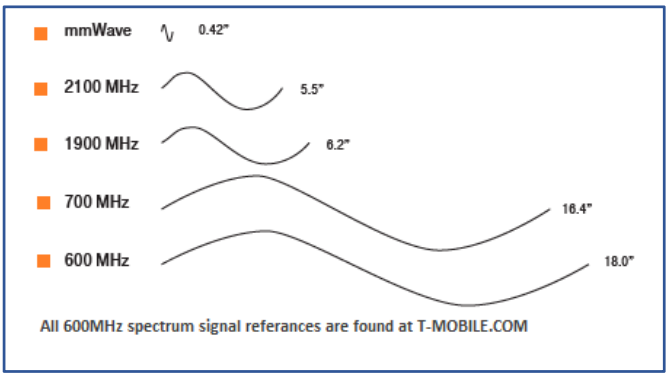
PREDICTIVE ANALYTICS SOFTWARE

Rescue GSM gateways have been updated to accommodate auto learning algorithms which allow it to establish normal behavior parameters with-in the visible local cellular network. While focusing on 4G, LTE and 600/700 MHz spectrum infrastructures, the gateway will automatically revert to 3G in an outage or emergency situations. This update also accommodates additional hang-up protocols for calls initiated from the emergency phone to the remote monitoring facility.

4G LTE MiMo UTILIZATION FROM T-MOBILE

Rescue GSM now leverages T-Mobile's 4G LTE MIMO 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.

SIGNAL WAVELENGTH DYNAMICS



*Because the 600 and 700 MHz wavelengths are longer, they travel farther and better making it a good solution for more rural terrain. It also provides better in-building service than smaller, higher-band wavelengths.

1004G LTE-A

Use for Elevators and Standard Emergency Phones

Meets ASME A17.1, Section 2.27

GSM frequencies: 700MHz, 800MHz, 1700MHz, 1900MHz

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

FCC approved: Yes

PTCRB network certification: Yes

Cellular service providers: T-Mobile or AT&T

Voltage output on RJ11: 50V and optional 54V version

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

Service plan requirements: Minimum voice plan, data not required.

Operating voltage: 12V DC

UPS Power supply: Altronix AL624, 16.5 VAC input with 12V DC output.

Battery Back-up: 12V DC, 8aH battery. Battery not included.

Stand-by time on battery: 24 - Hours

Talk time on battery: 4 - Hours

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

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

Call termination protocols: Disconnect on return to dial-tone, busy signal and line polarity reversal.

Optional RGSM CTM: Call termination module can be added in the event dial-tone and busy signal frequencies are altered over the cellular network. This device auto-corrects the associated frequencies and busy signal cadence 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: (W)13.133 x (L)11.916 x (D)3.812
- Safety & Warning graphics: Yes
- Color: Gray
- Lock: Optional

2004G LTE-A

Use for Two-Way Communications and Area of Refuge

Meets ASME A17.1, Section 2.27

GSM frequencies: 700MHz, 800MHz, 1700MHz, 1900MHz

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

FCC approved: Yes

PTCRB network certification: Yes

Cellular service providers: T-Mobile or AT&T

Voltage output on RJ11: 50V and optional 54V version

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

Service plan requirements: Minimum voice plan, data not required.

Operating voltage: 12V DC

UPS Power supply: UL Listed, 120V AC input and 12V DC output.

Power Supervision Outputs: Dry contacts for AC Loss and Low Battery

Battery Back-up: 12V DC, 8aH battery. Battery not included.

Stand-by time on battery: 24 - Hours

Talk time on battery: 4 - Hours

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

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

Call termination protocols: Disconnect on return to dial-tone, busy signal and line polarity reversal.

Optional RGSM CTM: Call termination module can be added in the event dial-tone and busy signal frequencies are altered over the cellular network. This device auto-corrects the associated frequencies and busy signal cadence 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: (W)13.573 x (L) 12.519 x (D) 4.688
- Safety & Warning graphics: Yes
- Color: Gray
- Lock: Optional