Upgrade existing land line or GSM/3G communication with 4G/LTE technology, or add a temporary communication solution to places without any existing line

Simplified management with highest security

By pairing an elevator emergency phone with a 4G/LTE Gateway, the system lets the emergency phone send alarms over the LTE network.

Thanks to the flexible installation and mounting, it is easy to optimize your LTE reception - thus making it ideal for both temporary and permanent installations.

Even when long cables are necessary between the 4G/LTE Gateway and emergency phone, the system delivers great functionality and sound quality.

With the integrated battery backup and battery status alarm via SMS you have total oversight of the system status. The gateway can be linked to up to nine Flex DUO emergency phones.

Key benefits

- Simplified installation
- Connect to up to nine emergency phones
- Battery backup
- Battery status SMS
- Remote gateway diagnostic
- Pre-installed SIM card options in selected countries
- VoLTE with GSM fallback
- Improved sound quality
- improved DTMF transmission reliability
- Direct alarm input and relay output

How LTE Gateway works

The 4G/LTE Gateway is flexible to be installed in the area that provides the best LTE coverage, for example the machine room.

The unit is then powered via a 10-28 VDC power supply and has an integrated NiMH battery backup - offering power redundancy.

The battery level is constantly monitored, and battery status is indicated via LED on the 4G/LTE Gateway unit. Battery alarm can also be sent as a technical alarm via SMS or via Flex DUO to an alarm receiver.

There is no need for configuration at the time of installation since the 4G/LTE Gateway is pre-tested and ready to use and can be delivered with a pre-installed Telia SIM card*. The benefits of having a Telia SIM card are the operating and cost overview - where you can be informed of the subscription status, you can activate/deactivate the subscription, see data consumption, call times, as well as setting cost limits, and send alarms in case of cost overspend.

The gateway is running Linux OS and is prepared for new IoT services.

Telephone:	RJ-11, quick connect terminals
Antenna contact:	SMA
Power supply:	DC Plug 2.1mm/5.5mm , quick connect terminals
Alarm input:	Quick connect terminals
Alarm relay output:	Quick connect terminals

Technical specifications

Size:	103 mm x 110 mm x 48 mm with mounting bracket
Weight:	481 g, including battery and antenna
Working temp.:	+5°C to +40°C
Humidity:	30 % to 90 % RH
LTE module:	Telit LE910C1-EU LTE Cat 1 with VoLTE
Antenna:	50 Ohm SMA-contact
SIM card size:	Mini SIM card
External power supply:	10-28 VDC or via AC/DC converter
Power consumption:	Up to 550 mA
Battery type:	NiMH 4.8V 1250 mAh
Mounting:	DIN rail TS35 bracket
Alarm:	Battery alarm
Protection class:	IP 20
Line voltage, handset down	48 VDC
Tone indications:	Configurable
Status information LED:	Network status, signal strength, battery alarm, ongoing call, incoming call, battery power in use, SIM status