



LIFT

With our connected and intelligent lift solution, you enter the third dimension of smart cities.



2G Lift Dialer Metal Box Code 8D5798

### Lift Emergency Telephones

- EN81-28 standard compliant
- Integrated GSM/GPRS module
- ID generation with DTMF protocol
- Playback/recording of comfort messages
- Local and remote configuration via Tones
- Configuration via SMS
- Extended power range from 12-24VDC
- Connection to VoiceBox with 2 wires only
- Voice stations management through VoiceBox
- Voice management between car and control panel
- Input for technical alarms and filter
- Periodic call via CLI or DTMF tones
- Output for relay activation via SMS or DTMF (Local and remote)
- IP Telemetry on RS232 Serial port
- Rechargeable backup battery
- Local and remote firmware upgrade (via GPRS)

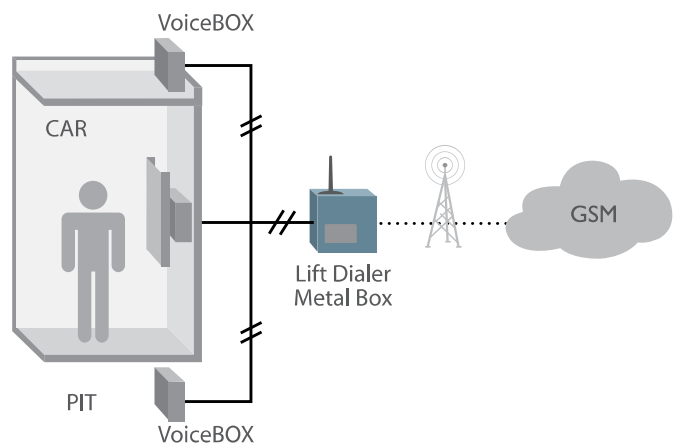
2G Lift Dialer Metal Box is an innovative remote alarm system for LIFTs extremely versatile, easy and quick to install. It can be used both **for new installations and for modernizations**. The **typical installation is wall mounting in the elevator shaft**.

In case of out of order conditions or blocks of the lift, the people trapped can activate the call to the Service Center by simply pressing the button in the Car. The alarm call will be immediately generated through the GSM telephone line and at the same time a comfort audio message will be played to inform that an emergency call has been forwarded to the Service Center.

2G Lift Dialer Metal Box will generate an identification through the **DTMF protocol** for the correct management by the Service Center.

Thanks to the **implementation of ADEMCO protocol** (as an alternative to the proprietary one) 2G Lift Dialer Metal Box **can be easily integrated in the existing softwares** for the call management. Then it is possible to establish a bidirectional audio communication for the alarm management.

2G Lift Dialer Metal Box **manages the periodical call** scheduling the frequency according to the needs of the Service Center and it can send calls of technical alarms in case of problems and/or signals (i.e. battery replacement or electrical blackout).



## EASY INSTALLATION

The remote alarm system is composed by the central unit, core of the system (2G Lift Dialer Metal Box) and by VoiceBox speakerphone terminals for the communication.

The vocal unit VoiceBox is equipped with speakers, microphone and 2 leds that signal the various phases of the call as required by EN81-28 regulation.

The main feature of Digicom's system is the VoiceBox management with 2 wires only in autoperpowered mode.

In fact the audio communication, the power supply and the LED and Buttons management is performed through 2 wires only.

This feature allow a quick installation and it doesn't require any other cabling.

## THE CENTRAL UNIT

It is built in a solid metal box for wall mounting, complete with 220Vac/12V power supply and rechargeable backup battery, it is ready for installation.

Thanks to the filter input and to the input for auxiliary technical alarms the central unit is adaptable to any situation. It is equipped with a relè that can be remote activated via DTMF tones (or via SMS) for the eventual opening of doors and gates.

## AUDIO

Particular care has been placed in the projecting of the Bidirectional Audio. The GSM digital audio management guarantees the best voice performances.

## EASY CONFIGURATION

2G Lift Dialer Metal Box has been made taking into consideration the installators' needs. This is the reason of the double configuration mode (DTMF tones and SMS).

You can configure 2G Lift Dialer Metal Box through SMS checking the correctness of the configuration or of the phone numbers. Otherwise you can use the classical tone mode (both local and remote).

## AN APP AT YOUR SERVICE

2G Lift Dialer Metal box is one of the first device that can be setup through an android APP together with SMS transmission. Even easier and faster!

## READY FOR THE TELEMTRY OF THE FRAME CONTROLLER

2G Lift Dialer Metal Box has an RS232 serial port to be connected to a Frame Controller.

Through the GPRS network (or via CSD) it is possible to reach the Frame Controller and to remote manage it (through the application of the frame controller manufacturer).

## REMOTE UPGRADE

One of the main feature is the possibility to remote upgrade.

## TECHNICAL FEATURES

### GSM/GPRS MODULE

- Quad-Band 850/900/1800/1900 MHz
- GSM Module: GPRS/GSM Class 10
- GPRS: Multi-slot Class 10

### OUTPUT POWER

- Class 4 (2W) in GSM at 850/900MHz
- Class 1 (1W) in DCS at 1900/1800MHz
- Plug-in SIM card (1,8V - 3V compliant)

### INTERFACES

- 1 Interface 2 wires for VoiceBox "BUS"
- 1 FXS Interface for Service/Configuration phone
- Removable screw terminal board
- 1 RS232 serial port (on RJ45) for Frame Controller Telemetry
- 1 Guest USB port for local upgrade

### INPUTS AND OUTPUTS

- 1 Filter input
- 1 Technical alarm input
- 1 Relay output (n.c./n.a) that can be activated by Tones or SMS

### POWER SUPPLY

- Input: at +12 ÷ 24VDC, / 1A minimum
- Li-Ion 3.7V Backup battery (included)
- Max consumption ~ 12W

### GSM ANTENNA

- SMA connector for external antenna
- Impedance: 50 ohm

### OTHER

- DIN rail mounting kit included
- GSM antenna with 3 meters cable
- Size: 170 x 145 x 65 mm
- CE Mark and Rohs compliant

### Note: CONNECTION CABLES

For the best performances of the product use 6/10 mm twisted pair (better 9/10 mm) between 2G Lift Dialer Metal Box and VoiceBox.

### VOICEBOX SPEAKERPHONE UNITS



### PACKAGE CONTENT

- 8D5798 2G LIFT DIALER METAL BOX
- 3G/2G Omnidirectional antenna
- 12VDC 1A power supply
- Backup battery
- Wall mounting kit
- User's manual