Communication devices for LIFT
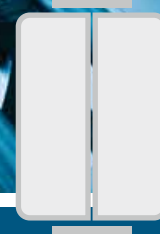
03

02
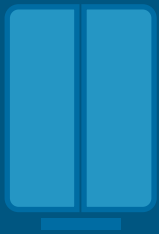
01

Move your elevator into the Cloud!

Digicom was born in 1977 and it is today one of the most recognized and innovative Italian companies that deals with Data Communication. Our history is strictly connected with the increasingly rapid technological evolution and within a few years we acquire a leading role in the Telecommunications market.

The know-how and knowledge, gained over the years, as well as the continuous innovation and research, now enable us to offer a wide range of highly performing solutions, from Design to Production and Sale of our products.

ANDROID APP ON
Google play

digicom
LIFT

EASY & FAST INSTALLATION

Digicom Lift Emergency Telephone System is a complete solution based on one central unit (2G Lift Dialer) connected to the voice stations (VoiceBOX) through 2 wires only.
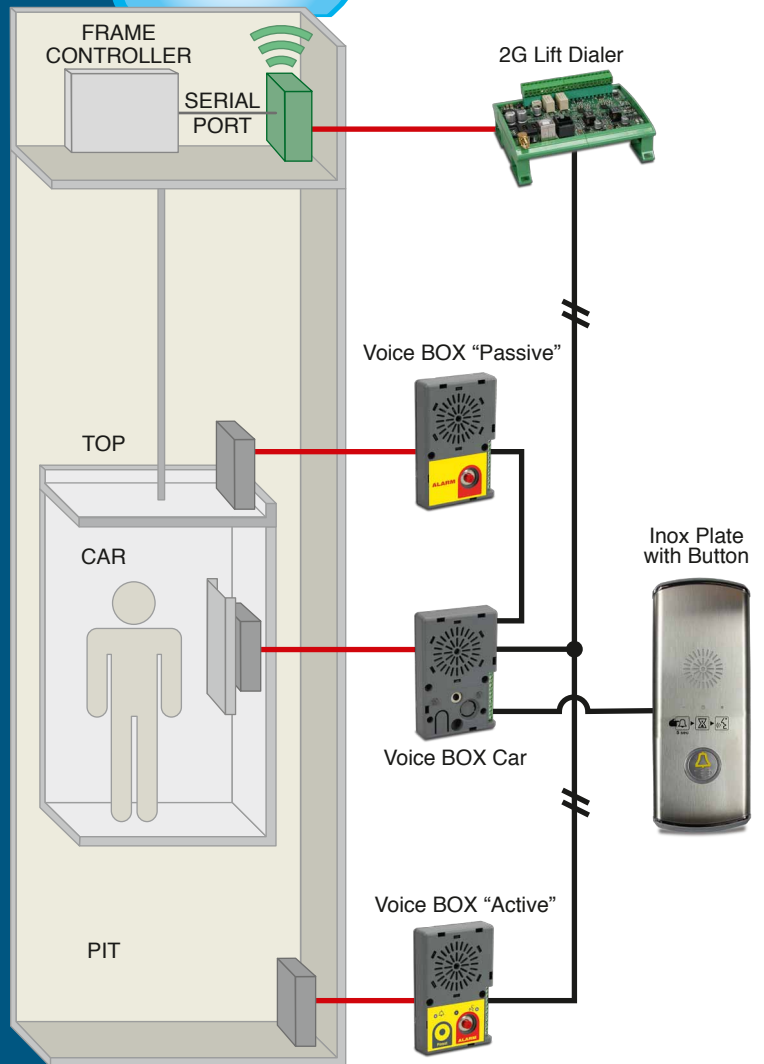
The VoiceBOXes are self powered by 2G Lift Dialer.

Once the devices (2G Lift Dialer and VoiceBOXES) are installed, you can easily setup them with a simple SMS.
In this way you are sure the configuration is correct, as you can check it.
You can check the system status (GSM Signal, the mobile operator, Revision and battery Status) using an SMS.
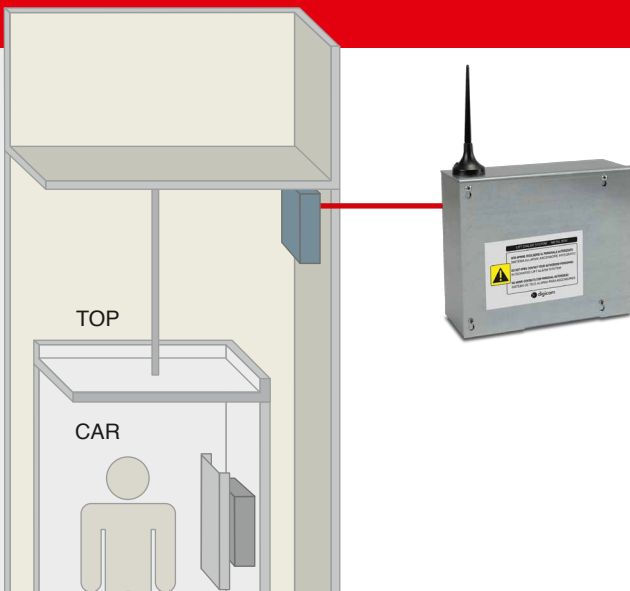
In a new installation 2G Lift Dialer can be fitted on a DIN Rail directly on the Control Panel Box.

For modernization you can use the metal box versions alternatively to the DIN Rail version.

With the **Android APP** it's possible to setup the 2G Lift Dialers in few minutes without errors. You can use a pre-defined template to create a new Lift Location and add the new Lift ID, that will be sent by SMS to the dialers. **That's All!**

LIFT MANAGER APP

GSM/GPRS

FRAME CONTROLLER

SERIAL PORT

TOP

CAR

PIT

2G Lift Dialer

Voice BOX "Passive"

Inox Plate with Button

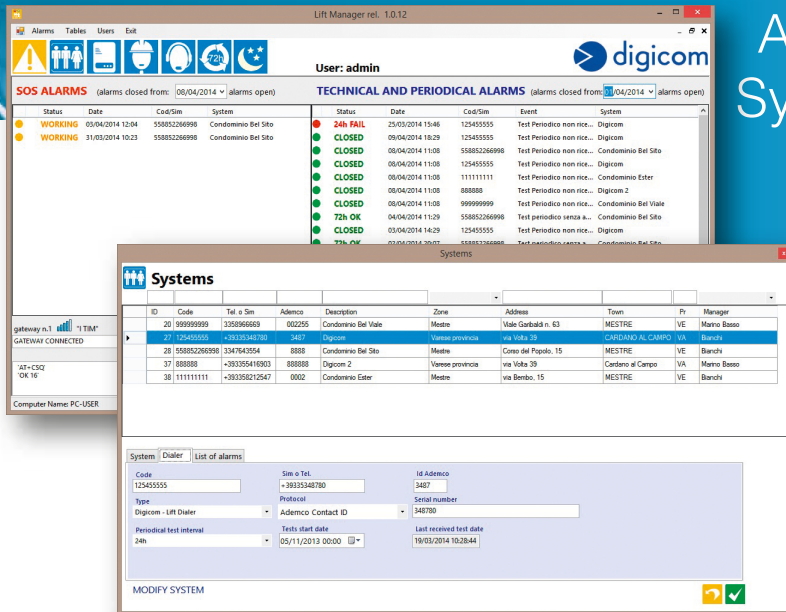Voice BOX Car

Voice BOX "Active"

2G DIALER METAL BOX

2G Lift Dialer Metal Box is a standalone version ideal when you prefer to have a single unit with integrated Backup and Power supply (100-240Vac IN- 12VDC OUT).
We suggest to install it on the top of the Lift shaft to guarantee the best GSM signal.
The Metal Box version is the perfect solution for modernizations.

TOP

CAR

digicom LIFT

A Management and Telemetry System Ready **at your Service**!

READY TO TELEMETRY

Digicom products (Dialers and Gateways) are ready to support TCP/IP Telemetry GPRS. The Serial Port (RS232) connects to the Frame Controller Board. All the data sent from the Frame Controller board will be send transparently to the server application.

DIALER for alarm management and frame controller service check

Digicom provides a complete Alarm Management **Software Platform** based on a powerful Database.

With Special GSM Gateways (up to 4) this software platform is able to manage your Lift Installations (up to 4.000 site). You will receive the periodic calls and SOS calls without using external services.

Stay independent!

VoiceBOX, microphone and active speaker in 19 mm of thickness only

It can be installed behind every push-button panel.
It is power supplied by 2G LIFT DIALER through 2 wires buses only.
Three versions of VoiceBOX are available to satisfy all needs.
The CAR version for Cabin installation with **Active** Speaker and Microphone to be connected with the Emergency Button.
The TOP/PIT version with Active Speaker, MIC and Integrated Alarm Push-Button and the VoiceBOX P, a **Passive** version for installation on TOP of the CAR. All the **Active** VoiceBOXs are equipped with 2 LED indicators as required by EN81-28 standard.

SMART BIDIRECTIONAL

Digicom Lift Solution is designed to provide easy connection to a Help Desk center.
With integrated GSM you can save the cost of the fixed land line (PSTN) or of external Gateways.
2G Lift Dialer supports different protocols (DTMF, ADEMCO Contact ID, etc.) to be compliant with the existing service centers.
Different Inputs and Relè Outputs can be used to manage/report different Lift status.
2G Lift Dialer also supports a Toll free call for the Test alarm routine using GSM network CLI identifications.

DIGICOM GATEWAY FOR LIFT MARKET

Digicom offers a wide range of Universal Gateways with 3G or 2G technology to satisfy all the needs of the Lift applications.
The Gateways replace a standard PSTN line, with an excellent Voice quality. The built-in backup battery guarantees the perfect operation also in case of power blackout.
The TCP/IP stack on board, together with M2CC (Machine To Cloud Computing) protocol, allow to remote manage the Gateway via Internet, reducing the costs.

2G Lift Dialer

GSM/GPRS Engine
- Quad-Band 850/900/1800/1900 MHz
- GPRS Class 10

Interfaces
- 1 USB Guest Port for Local Upgrade
- 1 RS232 on RJ45 Connector for Telemetry
- 1 VoiceBOX BUS Interface on 2 wires
- 1 FxS interface for analog Phone connection (set-up and service)

Input/Output
- 1 Optoinsulated Input for Filter
- 1 Optoinsulated Input for Technical Alarm
- 1 Optoinsulated Input for Future Use
- 2 Relè Output (NO/NC)

Power Supply
- In: 12-24 VDC /1A
- Back-Up Battery: Ion-Pol 3.7 V 2800 mAh (if present)
- Max Consumption 12W

LED
- 3 LEDs indicating the Board Status / conditions

GSM Antenna
- Standard SMA connector - 50 ohm

Dimensions
- Din Rail Version: 115 x 80 x 25 mm
- Metal Box Version: 165 x 140 x 70 mm

CE Mark and RoHs Compliant

VoiceBOX

Interfaces
- 1 VoiceBOX BUS Interface on 2 wires

Audio
- Bidirectional Audio with Speakerphone features
- Integrated Speaker
- Integrated Microphone

Input/Output
- 1 Integrated SOS button (PIT/TOP version only)
- 1 Reset button (PIT/TOP version only)
- 1 Input for external SOS button (N.O)

Power Supply
- Self Powered by 2G Lift Dialer Board

LED
- Yellow Led: Call in progress
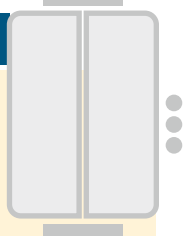- Green Led: Call Connected

Dimensions
- 100 x 64 x 19 mm

CE Mark and RoHs Compliant

CODE	NAME	DESCRIPTION
LIFT EMERGENCY TELEPHONE SYSTEM		
8D5778	2G Lift Dialer	Din Rail version with GSM antenna
8D5798	2G Lift Dialer Metal Box	with Backup Battery and Power supply (110-240 Vac) and GSM antenna
8D5780	VoiceBOX PIT/TOP	with integrated SOS Button
8D5804	VoiceBOX CAR	CAR installation behind push–button panel
8D5810	VoiceBOX P	only SOS Button (Passive version)
GATEWAY 3G/GPRS/GSM		
8D5824	3G Lift 72H	UMTS/GPRS/GSM Lift Gateway with Internal backup battery. Support of M2CC protocol for TCP/IP management (Periodic & SOS call)
8D5824AU		Australian plug power supply version
8D5824UK		UK plug power supply version
8D5799	2G Lift 72H	GPRS/GSM Lift Gateway with Internal backup battery. Support of M2CC protocol for TCP/IP management (Periodic & SOS call). TÜV Approved.
8D5799UK		UK plug power supply version
8D5757	2G Lift Plus	GSM/GPRS Lift Gateway with internal backup battery and RS232 port ready for frame controller telemetry. M2CC protocol supported. TÜV Approved.

04/2017