

LIFT

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





2G Lift 72H
Code 8D5799

GSM/GPRS Lift Gateway

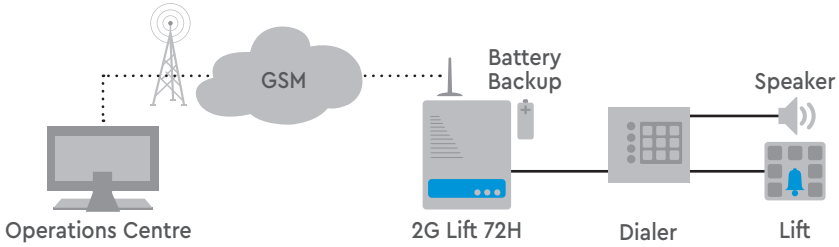
- **Universal GSM/GPRS communicator suitable with all phone alarm systems**
- **Integrated Backup battery**
- **Roaming block management**
- **Audio Management in PCM digital mode**
- **Easy installation**
- **EN 81-28 compliant**

Digicom 2G Lift 72H is the latest news in terms of GSM interfaces.
It comes from Digicom gained long-standing experience in the last years with tens of thousands of products installed in all the European markets, 2G Lift 72H also integrates the precious indications collected by our customers.
The new Communicator is ready to satisfy all the new needs of the LIFT market maintaining the usual reliability of Digicom solutions in this sector.

2G Lift 72H has one **FxS analog port** to connect to any remote alarm system.
The analog port simulates a PSTN – Telecom Line using the GSM Network instead of the Wired Line with a considerable cost savings.

The **audio management in digital mode** (used in our gatewys since forever) reduces the distortions and the noise at the minimum giving an high sound return.
In this way we can guarantee the maximum interoperability with the protocols of remote alarms based on Ademco, Contact ID, P100, CPC etc.

We worked also on the audio management toward the GSM network in order to reduce at the minimum the distortion caused by the codec of the mobile network on the DTMF tones developing an exclusive system called **SMART CODEC MANAGEMENT**.



GATEWAY

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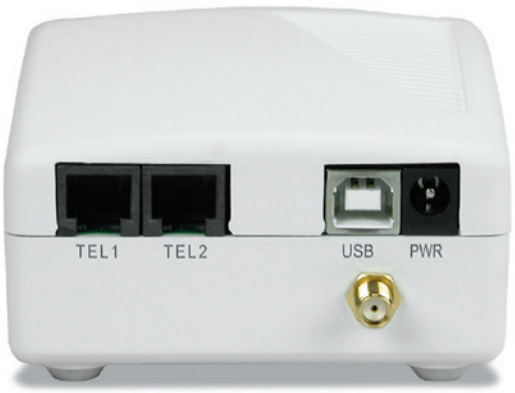
This function reduces the errors in the DTMF sequence limiting the DTMF retransmissions and the number of calls.

In 2G Lift 72H it has been used a more performing new processor to take advantage of the new needs of the GPRS connectivity.

For the IP management we integrated the **M2CC protocol** to manage the periodical calls and the information via TCP/IP saving on the costs.
It will be sufficient to develop a server or Cloud application to easily manage thousands of lifts.

2G Lift 72H can be **remote upgraded** through the GPRS connection (*). In this way you can upgrade installed devices without visiting the site.
(*) It can be necessary to enable the SIMs to DATA traffic temporarily.

Even the included rechargeable battery has been improved using the Lithium Polymer Technology (Li-Pol) with a greater capacity if compared with the previous model.



OTHER VERSIONS
- 8D5799UK UK plug power supply version

PACKAGE CONTENT
- 8D5799 2G LIFT 72H or 8D5916 4G LIFT 72H
- 4G/3G/2G Omnidirectional antenna
- 12VDC 1A power supply
- Back up battery
- Wall mounting kit
- User's manual

4G VERSION
- 8D5916 4G LIFT 72H

TECHNICAL FEATURES

CONNECTION AND COMPATIBILITY
- Voice call
- Dialers with alarm transmission and periodical test in DTMF mode (i.e. Ademco contact ID, Scantronix, CPC 100) or analog or mixed mode

CONFIGURATION
- Device management and configuration via SMS or DTMF phone
- Phonebook with 4 authorized users for device configuration
- Phonebook with 4 authorized users to receive informative messages from 2G Lift 72G
- Battery Low SMS message with:
  - 60 minutes autonomy of backup battery
  - Shutdown in progress message when backup battery is exhausted
- Remote reboot to force a new search for the GSM network
- Remote query to know the battery status and quality of GSM signal

GSM/GPRS
- GSM Quad-Band 850/900/1800/1900 MHz
- GSM Module: GSM/GPRS
- Plug-in SIM card (1,8V – 3V compatible)

PHONE INTERFACE
- FXS Voice Interface
- 2 RJ11 Connectors (voice)
- Off-hook AC impedance: 600 ohm
- On-hook line voltage: 48VDC
- Off-hook line current: 25mA
- Dialing type: Tone (DTMF)
- Ringing voltage: 38 VAC rms – REN: 3

POWER SUPPLY
- External adapter
  - Input: 100–240 VAC / 50–60Hz / 0.5A
  - Output: 12VDC / 1A

BACKUP BATTERY
- Lithium Polymers 1.400mAh rechargeable battery
- Standby time: about 4 h (*)
- Talk time: about 1 h and 30 minutes (*)
  (*) The battery life depends on several factors, i.e. the operating temperature of the device and the quality of GSM signal

ANTENNA
- Quad-Band Omnidirectional Antenna included
- SMA Connector
- Impedance: 50 ohm
- Omnidirectional antenna with cable included
- Outdoor high gain omnidirectional antenna optional

OTHER
- Dimensions: 115×80×45 mm
- Operating Temperature: from 0°C to +45°C
- CE Mark and Rohs compliant

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