

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



LIFT



3G LIFT 72H
Code 8D5824

3G/GSM/GPRS Lift Gateway

- **Universal 3G/GSM/GPRS communicator suitable with all phone alarm systems**
- **Penta-band**
- **Integrated Back up battery**
- **EN81.28 compliant**
- **Roaming block management**
- **Audio Management in PCM digital mode**
- **Easy installation**

Digicom 3G LIFT 72H is the latest news in terms of **3G UMTS 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, 3G LIFT 72H also integrates the precious indications collected by our customers.

The new Communicator is ready to satisfy all the needs of the Lift market maintaining the usual reliability of Digicom solutions in this sector.

3G LIFT 72H has **one FxS analog port to connect to any remote alarm system**.

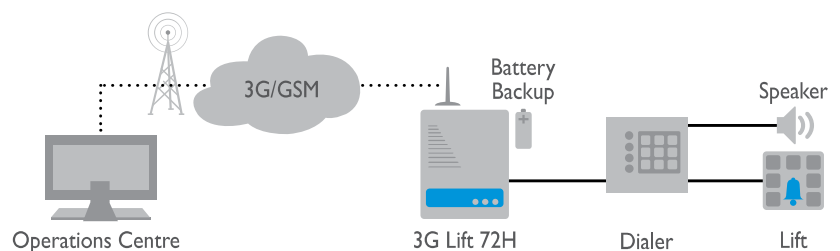
The analog port **simulates a PSTN – Telecom Line using the GSM Network** instead of the Wired Line **with a considerable cost savings**.

The **audio management in digital mode** (used in our gateways 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 UMTS/GSM network in order **to reduce at the minimum the distortion caused by the codec of mobile network** on DTMF tones developing an exclusive system called **SMART CODEC MANAGEMENT**.

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



3G LIFT 72H uses a more performing new processor to take advantage of the new needs of GPRS connectivity.

For the IP management we integrated **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.

3G LIFT 72H **can be remote upgraded** through 3G or 2G 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 integrated rechargeable battery using the Lithium Polymer Technology (Li-Pol) guarantees the best performances.



OTHER VERSIONS

- 8D5824AU Australian plug power supply version
- 8D5824UK UK plug power supply version

PACKAGE CONTENT

- 8D5824 3G LIFT 72H
- 3G/2G Omnidirectional antenna
- 12VDC 1A power supply
- Backup battery
- Wall mounting kit
- User's manual

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 3G Lift 72H
- 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

3G GSM/GPRS

- 3GSM UMTS 800/900/1900/2100 MHz
- GSM 900/1800 e 850/1900 MHz
- GPRS Class 12, CS1-CS4 up to 88.5 Kbps
- EDGE Class 12, MCS1-9 up to 326.8 Kbps
- SIM MT/MO PDU/Text
- Plug-in SIM card (1,8V - 3V compliant)

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

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 3,5 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

- 3G/2G Omnidirectional Antenna included
- SMA Connector
- Impedance: 50 ohm
- Omnidirectional antenna with cable included
- Outdoor high gain omnidirectional antenna optional

OTHER

- Dimensions: 115x80x45 mm
- Operating Temperature: from 0°C to +45°C
- CE Mark and Rohs compliant

