

LIFT

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



2G LIFT Pro
Code 8D5895AG

2G Universal Gateway with serial port for lifts

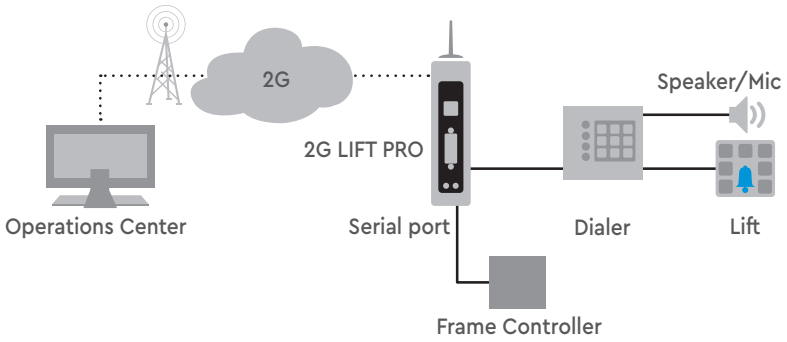
- **2G analog Gateway with RS232 and RS485 serial ports**
- **FxS analog port for an easy connection to the Alarm system**
- **Integrated long life backup battery (up to 3 hours in standby)**
- **RS232 and RS485 integrated serial ports for telemetry with lift control devices**
- **Platform set for GPRS – TCP/IP**
- **DTMF high quality performances over GSM network**

An innovative product fully **compatible with existing products** on the market.

2G LIFT PRO has an **FxS analog port** to connect to any alarm system. The analog port **simulates the PSTN phone line** using the GSM network instead of the fixed line with a considerable **costs reduction**.

2G LIFT PRO also integrates RS232 and RS485 serial ports that can be connected to the lift control board to manage all the telemetry data.

The latest generation of security alarm data centers can manage the **telemetry** information coming from the lift control unit. Through these data you can program the **predictive maintenance** to guarantee the complete operation of the lift in any condition.



GATEWAY

8D5895AG 2G LIFT PRO 25/03/2024

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The serial port is connected to a DB9 connector (Tx, Rx and GND) so that all the data are sent remotely over the 2G network.

DTMF NO PROBLEM!

2G LIFT Pro also integrates an advanced system for the management of **DTMF tones** over 2G network. This function allows each center to report the DTMF tone sequence avoiding any interruption in the DTMF transmission.





PACKAGE CONTENT

- 8D5895A 2G LIFT PRO
- Switching power supply (IN: 100–240 Vac/50-60Hz/0,5A
  OUT:12 Vcc/1A)
- GSM Antenna with 3 meters cable
- Wall mounting rail for the antenna
- 4 pins screw terminal board for power supply
- 5 pins screw terminal board for FXS voice interface
- 1,5 meters cable for the connection of phone dialers
- DIN rail
- User's Manual

TECHNICAL FEATURES

GSM

- GSM Dual-Band 900/1800 MHz
- GSM module: GSM/GPRS Class 10
- Outgoing power: Class 4 (2W/33dBm nominal maximum) for GSM at 900 MHz, Class 1 (1W/30dBm nominal maximum) for DCS at 1800 MHz
- SIM card slot: Plug-in (1,8V – 3V)

PHONE INTERFACE

- Voice interface: FXS
- AC off-hook impedance: 600 ohm
- On-hook line voltage: 48 Vcc
- Off-hook line power: 32mA
- Call type: Tone (DTMF)
- Ring voltage: 38 Vac rms – REN:3

OTHER INTERFACES

- RS232 serial interface (on DB9)
- RS485 serial interface (on removable connector)
- TD, RD, GND signal
- Port speed from 9600 to 115.200 bps
- 10 bit format (8 data None Parity, 1 Stop)

CONNECTION AND COMPATIBILITY

- Voice call
- Dialers with alarm transmission and periodical test in DTMF mode
- Dialers with alarm transmission and periodical test in digital mode with serial port) and analog mode
- Ready for GPRS

CONFIGURATION

- Device Management and configuration via SMS
- List of 4 users authorized to set the device
- List of 4 users authorized to receive informative messages from 2G Lift Pro
- Low battery message sent upon reaching approximately 60 minutes of remaining autonomy of the backup battery
- Shutdown message sent shortly before complete discharge of the backup battery
- Remote Reboot management to force a new registration to the GSM network
- Remote test for battery status and quality of 2G signal
- Automatic Reboot every 24 hours

POWER AND TEMPERATURE

- Extended Power range from 9 to 32 VDC
- External adapter: Input: 100–240 Vac / 50–60Hz / 0,5A; Output: 12Vcc / 1A
- Operating temperature: from -20°C to +55°C

GSM ANTENNA

- Dual-Band omnidirectional antenna included
- SMA connector
- Impedance: 50 ohm

BACKUP BATTERY

- Standby time: about 3 hours (*)
- In conversation: about 1 hour and 30 minutes (*)
  (*) Battery performance decreases over time because it is affected by various factors such as the number of charge and discharge cycles, the device use temperature and the intensity of the GSM signal present in the place of installation.

OTHER

- Size: 115 × 99 × 22,5 mm
- Protection degree: IP30
- CE Mark and Rohs compliant
- EN 81–28

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