

# Lift Security & Telemetry

M2M - LIFT

2G GSM GATEWAY LIFT QB - Code 8D5656QB

- Universal 2G Gateway for **Lift Alarm System**
- 2G Analog Gateway with **Voice Port**
- Specifically developed for **lift applications**
- **FxS Analog Port** for easy connection with Alarm System Phone Port
- Long Life Built-in **Battery Back-up**
- **Quad-Band engine** for Worldwide Market application
- **DFTM High Quality** performance on GSM Network

## DESCRIPTION

2G GSM Gateway Lift QB is an evolution of the new generation of devices **developed for Lift market**. It comes from 5 years intensive experience of Digicom in the Lift Market.

A new device fully compatible with the previous generation, based on the same controller and updated according to the market requests.

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

Thanks to the **compatibility with the main digital protocols**, the Service Center can send and receive from 2G GSM Gateway Lift QB the DTMF tones generated by the communicators without any problem.

This new generation of 2G GSM Gateway also supports a **Quad-Band engine** for a worldwide market.

### DTMF NO Problem!

2G GSM Gateway Lift QB also implements a **sophisticated system to manage the DTMF tone** on the GSM Network.

This features will allow any centre to report correctly the DTMF Tone sequence avoiding any fails in the DTMF transmission.



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#### BATTERY BACKUP

- Standby time: about 3 hours (\*)
- Talk time: about 1 hour and 30 minutes (\*)

#### GSM ANTENNA

- Quad-Band Omnidirectional Antenna included
- SMA Connector
- Impedance: 50 ohm

#### OTHER

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

(\*) The battery life depends on several factors, i.e. the operating temperature of the device and the quality of GSM signal

#### TECHNICAL FEATURES

##### GSM

- GSM Quad-Band 850/900/1800/1900 MHz
- GSM Module: GPRS/GSM Class 10
- Output power:
  - Class 4 (2W) in GSM at 850/900MHz
  - Class 1 (1W) in DCS at 1800/1900MHz
- 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

##### OTHER INTERFACES

- USB connector for local Upgrade

##### CONNECTION

- Voice call
- Communicators with alarm transmission and periodical test with DTMF
- Communicators with alarm transmission and periodical test in digital (with serial port) and analog mode
- GPRS ready

##### CONFIGURATION

- Device management and configuration via SMS
- Phonebook with 4 authorized users for device configuration
- Phonebook with 4 authorized users to receive the informative messages from 2G Gateway Lift QB
- Battery Low message with:
  - 60 minutes autonomy
  - Shutdown in progress message when back-up battery is exhausted
- Remote reboot to force a new search for the GSM network
- Remote query to know the battery status and GSM signal quality
- Automatic reboot every 24 hours

##### POWER SUPPLY

- External adapter
  - Input: 100-240 VAC / 50-60Hz / 0.5A
  - Output: 12VDC / 1.0A



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