



LIFT

## 2G GSM Gateway LIFT Plus

Code 8D5757

A new generation of 2G communicators for the LIFT market compliant with all the PSTN remote alarm systems.



- EN 81-28, EN 81-1, EN 81-2 Test Report issued by TÜV licensed laboratory
- 2G Analog Gateway with integrated serial port
- Innovative solution for Security & Telemetry Services
- Easy to implement on new Data Center
- FxS Analog Port for easy connection to Alarm System
- Long Life Built-in Back-up Battery (up to 3 hours on stand by)
- Integrated RS-232 Serial Port for telemetry with Lift Control Device
- Quad-Band engine for Worldwide Market applications
- GPRS and TCP/IP Ready platform
- DFTM High Quality performance over GSM Network

### Universal 2G Gateway for Lifts Remote Alarm Systems

An innovative device **fully compatible with the previous generation**, based on the same controller and updated according to the market requests.

2G GSM Gateway Lift Plus 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 costs saving**.

2G GSM Gateway Lift Plus integrates also an RS232 serial port to connect to the Control Board of the lifts and to manage all the telemetry data.

The last generation of Security Alarm Data Centers are able to manage the telemetry information coming from the Lift Control Unit. With these data it is possible to schedule all the preventive maintenance in order to guarantee the total operativity of the lift in any conditions.

The serial port is connected on a DB9 connector (Tx, RX and GND) so that all data are sent remotely over the GSM network in a CSD data call (up to 9600 bps).

#### **DTMF NO Problem!**

2G GSM Gateway Lift Plus 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.



## TECHNICAL FEATURES

### GSM

- GSM Quad-Band 850/900/1800/1900 MHz
- GSM Module: GSM/GPRS Class 10
- Output power:
  - Class 4 (2W/33dBm maximum nominal value) for GSM at 850/900MHz
  - Class 1 (1W/30dBm maximum nominal value) for DCS at 1800/1900MHz
- Plug-in SIM card (1,8V - 3V compatible)

### PHONE INTERFACE

- FXS Voice Interface
- Off-hook AC impedance: 600 ohm
- On-hook line voltage: 48VDC
- Off-hook line current: 32mA
- Dialing type: Tone (DTMF)
- Ringing voltage: 38 VAC rms - REN: 3

### OTHER INTERFACES

- Serial port RS232C (on DB9)
- TD, RD, GND Signal
- Port Speed from 9600 to 115.200 bps
- Format 10 bit (8 data None Parity, 1 Stop)

### CONNECTION AND COMPATIBILITY

- 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 GSM Gateway Lift Plus
- Battery Low message with: 60 minutes autonomy, 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 GSM signal quality
- Automatic reboot every 24 hours

### POWER SUPPLY

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

### GSM ANTENNA

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

### BACKUP BATTERY

- Standby time: about 6 hours (\*)
- Talk time: about 1 hour and 30 minutes (\*)

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

### OTHER

- Dimensions: 115 x 99 x 22,5 mm
- Protection IP30
- Operating Temperature: from -20°C to +55°C
- CE Mark and Rohs compliant
- EN 81-28, EN 81-1, EN 81-2, Test Report issued by TÜV licensed laboratory

## PACKAGE CONTENT

- 8D5757 2G GSM Gateway LIFT Plus
- Switching power supply (IN:100-240 Vac/50-60Hz/0,5A OUT:12 Vcc/1A)
- GSM antenna with 3 meters cable
- Antenna bracket for wall mounting
- 4pin screw terminal block for power
- 5pin screw terminal block for voice FXS interface
- 1,5 meters phone cable for dialers connection
- DIN rail
- User's manual

## RELATED PRODUCTS

Code	Description	3G	2G	Control Panel Telemetry	Back up Battery
8D5824	3G LIFT 72H	•	•	No	•
8D5799	2G LIFT 72H		•	•	•
8D5798	2G Lift Dialer Metal Box		•	•	Opzionale

