

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



LIFT



4G LiftGate 1000  
Code 8D5893A

## 4G Gateway for Lift

- **IoT Gateway 4G/LTE special designer for lift**
- **4G/3G/2G mobile connection**
- **4G VoLTE Ready**
- **1 FXS Voice ports for remote alarm**
- **Universal application**
- **1 10/100 LAN port**
- **BLE 5.0 interface**
- **Dual SIM**
- **Integrated backup battery**
- **SMS remote management**
- **MQTT support**
- **Custom applications supported**

4G LIFTGATE 1000 has been developed combining all Digicom technologies and experiences achieved over the years in the Lift sector.

Designed to be the **technological core that connects all the devices** present in the new and already installed lifts, it plays the strategic role of the solution.

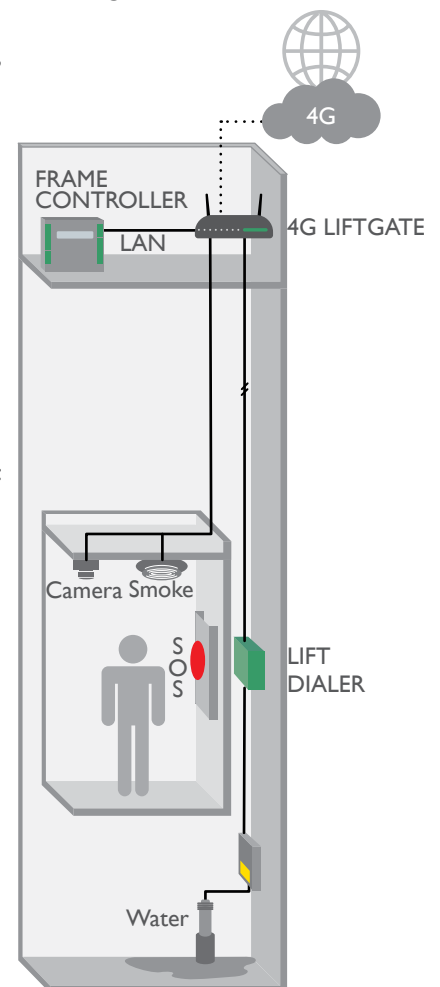
Emergency telephone systems, displays, sensors and video cameras are shared in the sole device able to connect also the control panel to a **Cloud**.

The cameras and the sensors can be connected for the management of IoT on the Lift (EELoT) allowing a predictive maintenance based on real operations or on immediate reporting of anomalies.

Just one SIM, or two in case a backup is needed, to manage all the needs of the lift: from voice support for SOS and periodical calls to telemetry of the control panel through LAN.

**Advanced** functionalities such as remote management via SMS, make it particularly suitable for Lift and EELoT (Elevator Escalator IoT) applications.

4G LIFTGATE 1000 can manage 1 Voice interfaces to connect to emergency phone in the CAR.

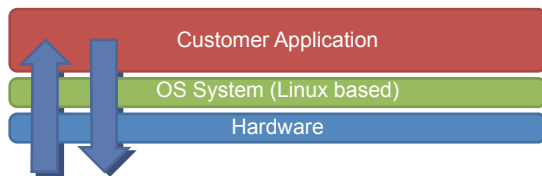


Special developments have been implemented for the management of the module with the different audio codecs to optimize the passage of DTMF tones reducing their distortions and consequent errors.



The management of 4G LIFTGATE 1000 in the Lift ecosystem is completed by the new Digicom **IoT platform** that allows to view the Gateway status, in order to check its status in service and/or anomalies.

The use of a multi-level firmware structure also allows the development of custom applications, which through API can interact with the device. With Quectel's QuecOpen mode applications can be integrated more easily.



#### PACKAGE CONTENT

- 8D5893A 4G LIFTGATE 1000
- 1 Ethernet cable
- 1 12VDC, 1.5A power supply
- 2 4G antennas

## TECHNICAL FEATURES

### MOBILE NETWORK

- 4G/LTE-FDD bands: B1/B3/B7/B8/B20 (2100/1800/2600/900/800/MHz)
- HSPA+/UMTS/WCDMA bands: B1/B5/B8 (2100/850/900MHz)
- GSM/GPRS bands: B3/B8 (1800/900MHz)

### SPEED

- 4G/LTE DL 150Mbps / UL 50Mbps, HSPA+/UMTS/WCDMA DL 21.6Mbps / UL 5.76Mbps

### INTERFACES

- 1 RJ45 10/100Mbps LAN port
- 1 FXS ports (for analog phone)
- 2 Slots for any operators' SIM
- 1 BLE interface (Bluetooth)

### ANTENNAS

- 2 (Main + Div) 4G/3G/2G external antennas on SMA connector

### OPERATIONS

- Automatic and manual 4G/3G/2G connection
- SMS remote management for Connection (ON/OFF), Status and Reboot
- Roaming can be disabled
- DHCP Server and MAC reservation support
- Periodical Watch Dog with Restart every 24 hours (can be set)
- Upgradable Firmware

### PHONE INTERFACE

- Voice Interface: FXS
- AC off-hook impedance: 600 ohm
- On-hook line voltage: 48 VDC
- Off-hook line current: 32mA
- Call type: DTMF
- Ring Voltage: 38 Vac - REN:3

### CONNECTION and COMPATIBILITY

- Voice call
- Dialers with alarm transmission and periodical test

### POWER SUPPLY

- Power 9-32VDC
- Environmental temperature in operation: from -10°C to +50°C
- Operative humidity: from 20% to 80% non-condensing
- Integrated lithium polymer backup battery 3.7VDC - 2.000mAh

### VARIOUS

- Material and Weight: Aluminum, 300gr.
- Size 145 x 100 x 50 mm
- Installation: 35mm DIN guide (not included) or desktop

### CERTIFICATIONS

- CE Mark
- RED
- RoHS



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