

LIFT

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



4G LiftGate 1000
Code 8D5893A

4G Gateway for Lift

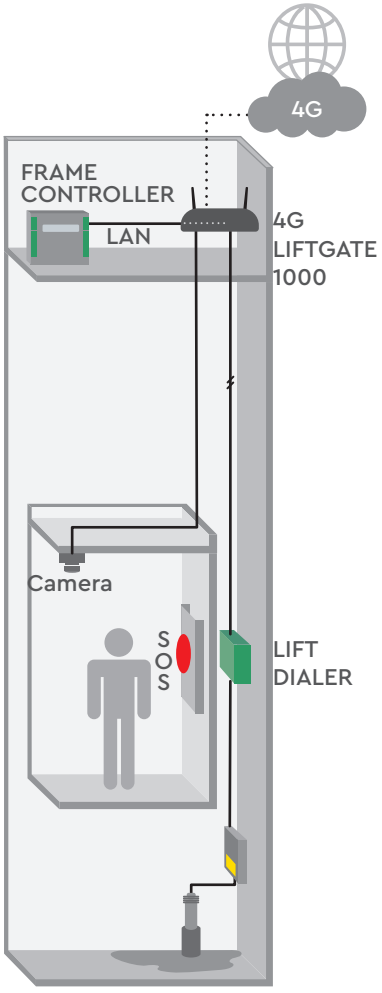
- **IoT Gateway 4G/LTE special designer for lift**
- **4G/3G/2G mobile connection**
- **4G VoLTE Ready**
- **1 FXS Voice ports for remote alarm**
- **Universal application**
- **1 10/100 LAN port**
- **BLE 5.0 interface**
- **Dual SIM**
- **Integrated backup battery (with testing)**
- **SMS remote management**
- **MQTT support**
- **Custom applications supported**
- **Compliant with EN 81-28**

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, IP cameras are shared in the only device that can also connect the control panel to a **Cloud**.
The remote management of the control panel via LAN allows an accurate and targeted verification to quickly diagnose problems and solve them.

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 EEIoT (Elevator Escalator IoT) applications.

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



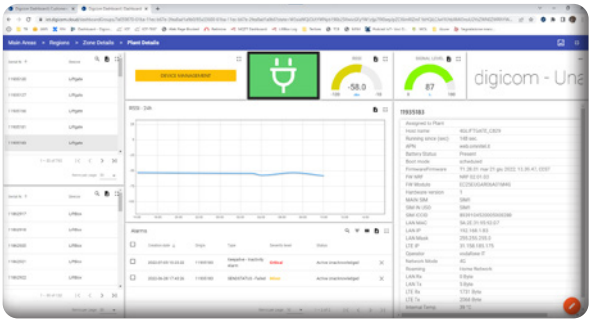
ROUTER / GATEWAY

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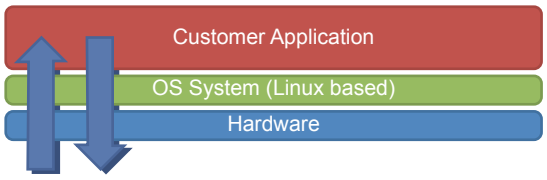
digicom

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 Digicom **IoT platform** Look@CLOUD 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 DL150Mbps / UL50Mbps, 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 3,7 VDC – 2.000mAh

VARIOUS

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

CERTIFICATIONS

- CE Mark
- RED
- RoHS

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