

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



LIFT



4G Lift Router
Code 8D5860

4G Router for Lift

- **4G/LTE Router specific for Lift**
- **4G/3G mobile connection with any operator's SIM**
- **3 LAN 10/100 ports, 1 WAN**
- **1 FXS Voice Port for Telealarm**
- **Programmable automatic restart or via SMS**
- **12VDC power supply**
- **Desktop or DIN rail mounting**

The new Lift concept is represented by a **technological HUB** in which all the requirements of the Lift ecosystem converge.

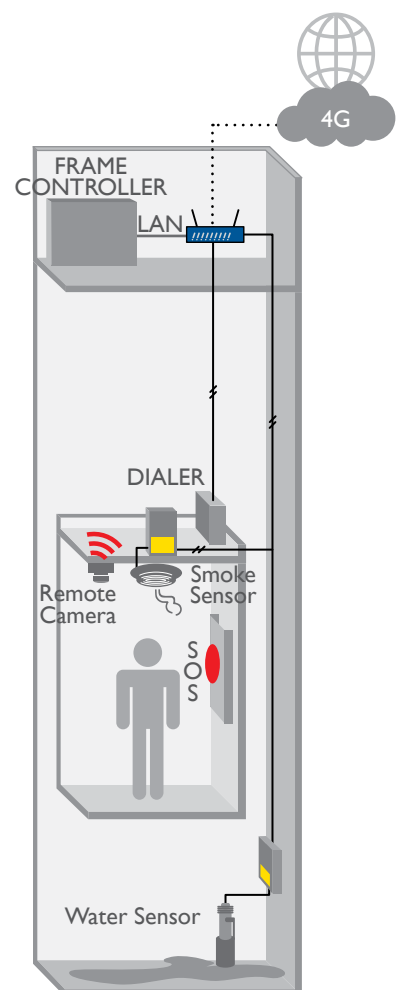
Emergency telephone systems, displays, sensors and video cameras are shared in a single device that can also connect the control panel to a Cloud.

4G Lift Router was developed by combining Digicom technologies and the experiences gathered over the years in the Lift sector. Special developments have been implemented to manage the module with the various audio codecs to optimize the passage of DTMF tones, reducing the distortions and the consequent errors.

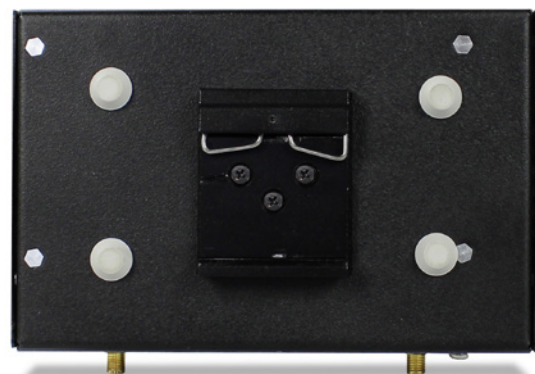
Just one SIM to manage all the needs of the Lift: from the voice support for SOS and the periodic calls, to the telemetry of the control panel via LAN.

The cameras and sensors can be connected to manage the IoT on Lift (EEIoT) allowing predictive maintenance based on real operations or on the immediate reporting of anomalies.

Advanced functionalities like Port Forwarding, DMZ, Firewall and remote management via SMS make it particularly suitable for **Lift and EElIoT applications** (elevator escalator IoT).



TECHNICAL FEATURES



MOBILE NETWORK

- 4G/LTE-FDD bands B1/B3/B7/BB20 (2100/1800/2600/800MHz)
- HSPA+/UMTS/WCDMA bands B1/B5/B8 (2100/850/900MHz)

SPEED

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

INTERFACES

- 3 LAN ports RJ45 10/100Mbps
- 1 WAN port RJ45 10/100Mbps
- 1 FXS Port (for analog Phone)
- 1 Slot for any operator's SIM

ANTENNAS

- 2 4G/3G external antennas on SMA connector

FUNCTIONS

- Automatic and manual 4G/3G connection
- Remote management via SMS for: Connection, Status, Disconnection and Reboot
- Roaming can be disabled
- VPN IPSec support
- OpenVPN Client/Server
- DHCP Server and MAC reservation support
- IPv4/IPv6 Tunneling support
- DDNS, Virtual Server and DMZ support
- Firewall SPI, Packet Filter, Access Control, UPnP, IGMP
- Configurable periodic restart
- Firmware upgradable

TELEPHONE INTERFACE

- Voice Interface: FXS
- AC impedance off-hook: 600 ohms
- On-hook line voltage: 48 Vdc
- Off-hook line current: 32mA
- Call type: Tone (DTMF)
- Ring voltage: 38 Vac rms - REN: 3

CONNECTION AND COMPATIBILITY

- Voice call
- Lift Dialers with Alarm transmission and period test using DTMF

POWER SUPPLY

- 12VDC 1A power
- Operating environment temperature: from -20°C to +60°C
- Operating humidity: from 10% to 90% non condensing

OTHER

- Material and weight: metal case, 300gr.
- Dimensions 145 x 93 x 40 mm
- Installation: 35mm DIN rail (not included) or desktop

CERTIFICATIONS

- CE Mark

PACKAGE CONTENT

- 8D5860 4G LIFT ROUTER
- n. 1 Ethernet cable
- n. 1 12VDC, 1A power supply
- n. 2 4G stilo antenna



Digicom S.r.l.

ITALY • Viale Luigi Cadorna 95 • 20025 Legnano - MI

Phone +39.0331.702611 • Fax +39.0331.702655

www.digicom.it • www.b810group.com

