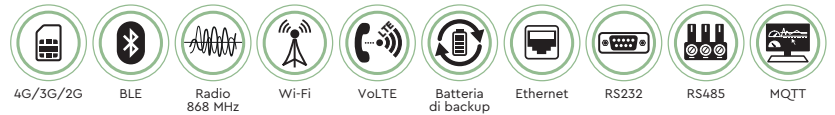




ORDER CODE
8D5910



4G IoT Gateway for Lift and Escalators

- 4G VoLTE Ready
- Built-in backup battery
- SMS remote management
- MQTT support
- Custom application support

It is the technological HUB that connects all devices and sensors in the lifts, and thus has a strategic role within the solution. Its versatility and integration with our wireless sensor devices and integration with our Cloud make it one of the most complete in the lift industry.

With the 4G LIFTGATE 4000, it is possible to implement monitoring and preventive maintenance solutions applicable to all existing lifts. Emergency telephone systems, displays, sensors and cameras are shared in the one device that can also connect the control panel to a cloud. The 4 LAN ports increase its potential to implement lift cabin digitisation solutions.

Just one SIM, or two if backup is needed, is enough to handle all the lift's needs: from voice support for SOS and periodic calls, to control panel telemetry via LAN. Full integration with the Cloud using the MQTT protocol.

With the 868 MHz radio interface it is possible to connect our intelligent wireless sensors to detect abnormal situations (blockages, rope elongations, alarm activations, temperatures and motor vibrations).

APPLICATIONS

Lifts
Escalators

CERTIFICATIONS

CE Marking
RED
RoHS
EN 81-28 compliant

PACKAGE CONTENTS

8D5910 4G LIFTGATE 4000
Ethernet Cable
12VDC, 1.5A power supply unit
4G antenna with 3-metre cable
Wi-Fi antenna
3 terminal block connectors
Quick Guide



TECHNICAL CHARACTERISTICS

TYPE OF NETWORK	4G/-LTE-FDD bands B1/B3/B7/B8/B20 (2100/1800/2600/900/800/MHz) HSPA+/UMTS/WCDMA bands B1/B5/B8 (2100/850/900 MHz) GSM/GPRS bands B3/B8 (1800/900 MHz)
SPEED	4G/LTE DL150Mbps / UL50Mbps, HSPA+/UMTS/WCDMA DL 21.6Mbps/UL 5.76Mbps
INTERFACES	4 RJ45 10/100Mbps LAN ports 2 FXS ports (for analogue telephone and intercom) 2 Slots for SIM cards of any operator (including e-sim) Dual-Band (2.4/5 GHz) IEEE 802.11a/b/g/n/ac Wi-Fi Radio 1 868 MHz radio interface for sensors 1 BLE (Bluetooth) interface 1 Digital input 1 Relay output (n.o. and n.c.) 1 12VDC output - 150 mA
TELEPHONE INTERFACE	Voice Interface: FXS Call type: Tone (DTMF)
OPERATION	SMS remote management for connection (ON/OFF), Status and Reboot DHCP Server and MAC reservation support Watch Dog Periodic with reboot every 24 hours Upgradeable firmware
ANTENNAS	2 4G/3G/2G antennas, 1 external on SMA connector (Main) and one internal (DIV) 1 External Wi-Fi antenna on SMA-R connector
POWER SUPPLY	9-32VDC
BACKUP BATTERY	Built-in Lithium Polymer 3.7 VDC - 4,000 mAh
TEMPERATURE	-10°C to +50°C
OTHER	Material and Weight: Aluminium, 300 gr. Dimensions 145 x 112 x 50 mm Installation: 35mm DIN rail (not included) or table