digicom

LIFT

WE CONNECT YOUR IDEAS





Products and Services | **LIFT** 2025/**2026**

The technical specifications of this catalogue may be modified without notice.
All brands, products and trademarks are property of their respective owners.

rev3.0 – 09/2025



INDEX

ROUTER / GATEWAY pag. 6

Routers integrate multiple connectivity features (BLE, 868 MHz, digital I/O, Wi-Fi, telephone ports) for diverse lift applications, with SMS and Cloud tools for easy remote management.

GATEWAY pag. 8

Gateways enable lift solutions with emergency calls, data transmission, safety control, and IoT sensor management, creating a complete IoT ecosystem.

DIALER pag. 10

Typically installed in the lift car and on top of the cabin, easily configured via app or DTMF. Connects to VoiceBoxes/ Speakerphones with just two wires, saving time.

PSTN EMERGENCY TELEPHONE SYSTEM pag. 14

Emergency Telephone System for PSTN, with quick installation via DTMF or Bluetooth App. Smart passive top and pit units with high-quality voice for triphony.

SERVICES pag. 16

Predictive maintenance leverages sensors and AI to detect anomalies early, preventing faults and minimizing disruptions in vertical mobility.

B810 Group

Digicom is a brand with over 45 years of experience in the development and handling of high-tech products.

In 2017, the Digicom company was merged with the B810 Group, creating a state-of-the-art company capable of developing smart and complex projects.

We offer our experience in a complete range of "**Connected solutions**" in the areas of: Telecommunication, IoT, Lift and Smart Energy, with project design, manufacturing, Cloud, logistics and services.

"If you don't innovate constantly, you are no longer the one who is chased, but the one who chases."

Massimiliano Paparcone
B810 GROUP PRESIDENT

B810 GROUP

+45 Years of experience	350+ Staff
2 R&D Departments	40+ R&D Staff
15.000 Square meters of facilities	2 Productive Units

SISTEMI DI GESTIONE CERTIFICATI CQY CERTIQUALITY UNI EN ISO 9001:2015 UNI EN ISO 14001:2015

ACCREDIA ENTE DI ACCREDITAMENTO

CISQ AUTOMOTIVE IATF 16949

ISO 9001: 2015 – Cert. N.17713
ISO 14001: 2015 – Cert. N.27060
IATF 16949: 2016 – Cert.IATF N.0405736

B810 has a Quality and Environmental Management System certified by CERTIQUALITY with reference to ISO 9001 and ISO 14001



Technologies

VoIP / SIP
Digital Voice communication over IP networks, ensuring clear and reliable emergency calls.
Based on SIP protocol, fully compatible with modern infrastructures and smart building systems.

4G / 3G / 2G
Gateways and Routers for internet and cloud connection.
Voice and Data with high-speed connection with LTE technologies.

BLE
Bluetooth Low Energy (BLE) is a wireless standard technology. We develop special sensors to connect with Gateway and Router or via APP to set up and realise an IoT solution. The low energy consumption allows the rechargeable battery to last for several years.

LoRa
Wireless technologies with low power consumption that can bridge long distances.
We use the following to connect sensors (Air quality, Temperature, VOC, ect).
We develop sensors and gateways for transmission to the cloud.

Ultra Low Power
Technologies that can reduce the power consumption of devices.
With suitable battery types, the service life of the devices can be extended up to several years (more than 10). Ultra-low power management enables a completely new generation of devices that can be connected to the Internet.

868 MHz Radio
Radio frequency with a proprietary protocol that is used for Digicom sensors and gateways.
Low power consumption of the battery.

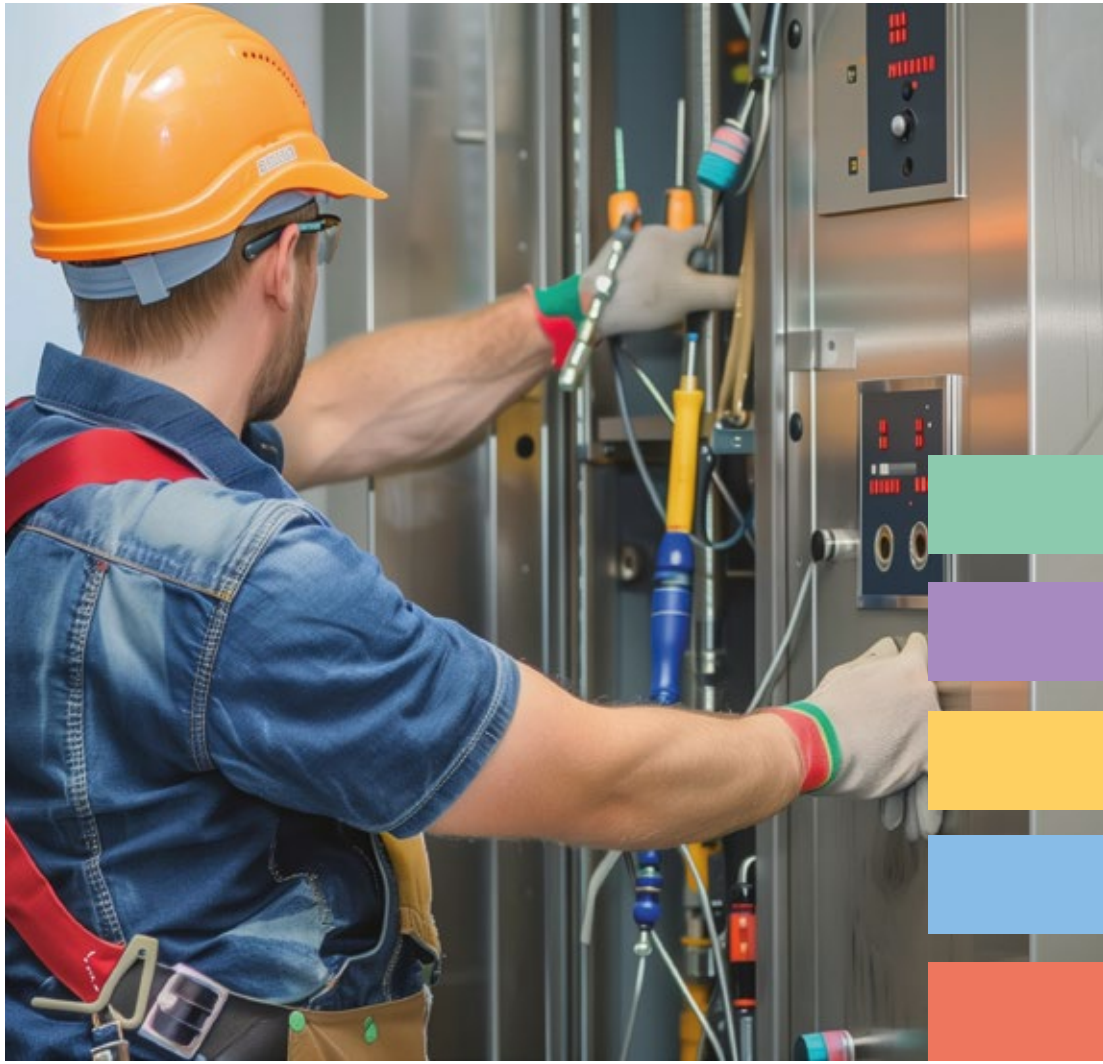
CAN bus
Robust communication standard designed for real-time data exchange in lifts and building systems.
Ensures high reliability, low latency and resistance to electrical noise.
Ideal for connecting controllers, sensors and devices within a secure and efficient network.

Digicom LIFT

The Lift unit works within the Digicom Network Division and has been developing solutions for lifts and escalators since 2008.
Connected devices, sensors and dedicated algorithms and cloud services are managed in this area.

Gateways, Dialers, Routers, Sensors with cloud and APP are the elements of our Lift ecosystem for vertical mobility, in which devices communicate with each other for best efficiency and optimised maintenance (predictive maintenance).

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



4G LIFTGATE 3000
IoT Gateway

4G LIFTGATE 3000 builds solutions for monitoring and predictive maintenance that can be applied to all existing lifts.
Emergency call systems, displays, sensors and cameras are combined in a single device that can also establish a connection between the control centre and a cloud.

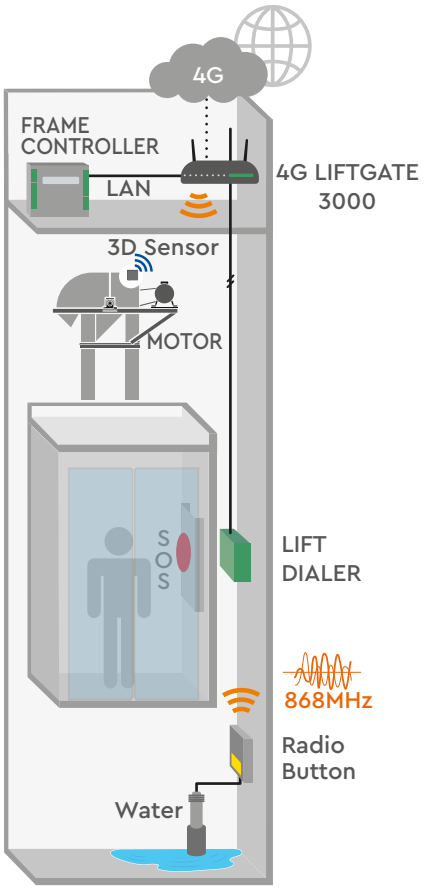
With the 868MHz radio interface, it is possible to connect our smart wireless sensors to detect abnormal situations.
The LAN ports encrease the potential for digitalisation solutions in lifts.

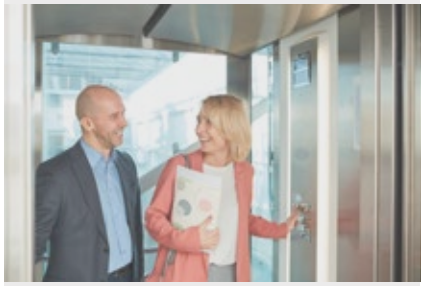
4G LIFTGATE 3000 is a device capable of managing all the needs of the lift: from voice support for emergency calls and periodic calls to telemetry of the frame control via LAN or serial interface.
Wireless sensors can be connected for IoT management of the lift.

- 1 LAN 10/100 port (8D5893 version only)
- 2 FXS voice ports (8D5893/8D5893NL version only)
- 1 RS232/485 serial port
- 1 Input / 1 Relay Output
- 868 MHz radio for sensors
- BLE 5.0
- MQTT support
- VoLTE & VoIP support
- EN 81-28 compliant



VoIP
4G/3G/2G
BLE 5.0
Wi-Fi
Voice
Battery Backup
Sensors





Gateways cover all of the lift solutions: Voice Emergency Calls, Frame Controller data transmission, connection with Safety Control Room and IoT wireless Sensors management (water flooding, smoke, energy, gas, air quality, doors opening and closing) and cameras, are completing the IoT ecosystem.



4G LIFTGATE 2000NoFXS



8D5893
4G LIFTGATE 3000



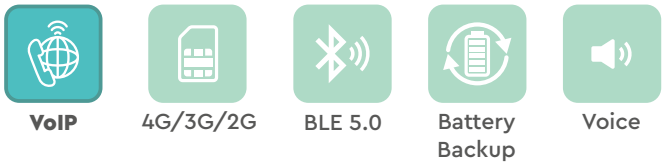
8D5893NL
4G LIFTGATE 3000NoLAN

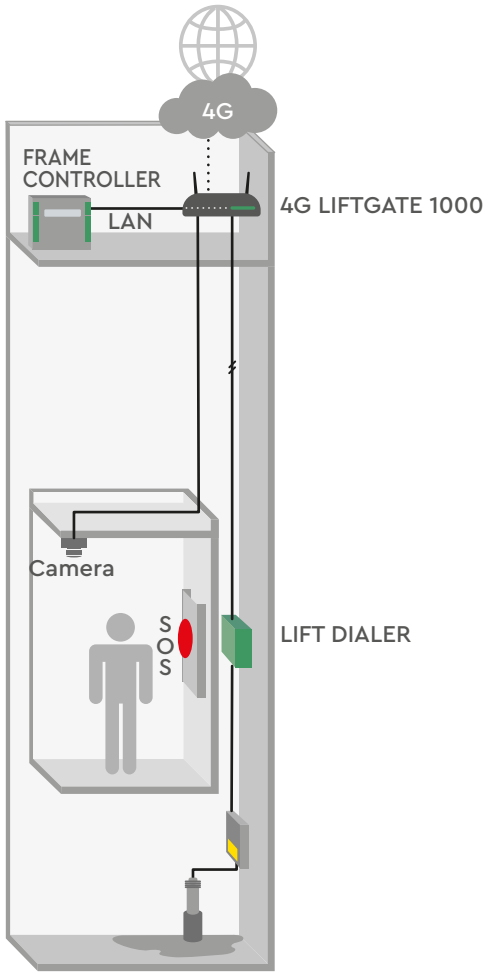
4G LIFTGATE 1000
IoT Gateway

Emergency call systems, frame controller and IP devices can easily be connected to the 4G LIFTGATE 1000, which represents the optimized and cost effective version among the IoT Gateway family, providing voice service and efficient connectivity to Cloud systems at same time.

4G LIFTGATE 1000 manages the voice
Voice via VoLTE so that you can connect the alarm system via the LTE network.

- 4G VoLTE Ready
- 1 LAN 10/100 port (8D5893A version only)
- 1 Voice FXS port
- BLE 5.0 Interface
- Integrated battery backup
- MQTT Support
- VoLTE & VoIP support
- EN 81-28 compliant









8D5893A
4G LIFTGATE 1000



8D5893ANL
4G LIFTGATE 1000NoLAN

4G LIFT 72H – 8D5916



It is an universal LTE communicator, allowing the coming transition from 2G to 4G, ideal for connection to any remote alarm system via the analogue FXS port, which simulates a PSTN telephone line via the cellular network. Equipped with a built-in backup battery, it processes audio signals in digital mode, minimising distortion and achieving high sound quality.
It supports the M2CC protocol for managing periodic and SOS calls via TCP/IP.
Remote update comes via cellular connection (FOTA).

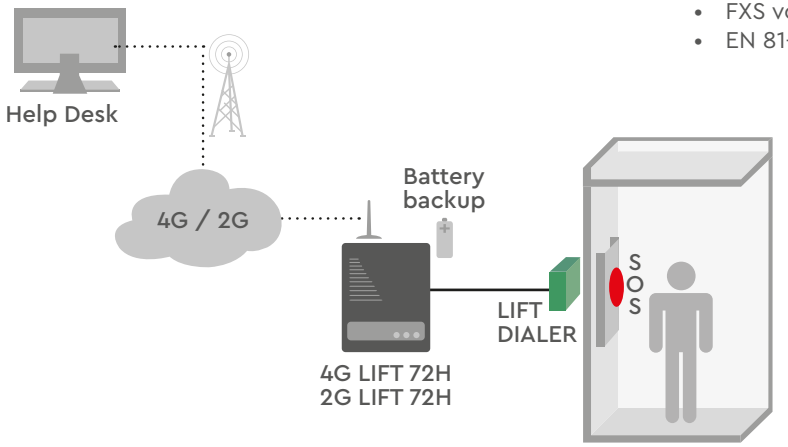
VoIP

MQTT

- Universal quad-band gateway LTE
- Built-in rechargeable backup battery
- FXS voice port
- VoLTE & VoIP support
- MQTT support
- EN 81-28 and EN 81-20 compliant







2G LIFT 72H – 8D5799



It is an universal GPRS/GSM communicator, ideal for connection to any remote alarm system via the analogue FXS port, which simulates a PSTN telephone line via the GSM network. Equipped with a built-in backup battery, it processes audio signals in digital mode, minimising distortion and achieving high sound quality.
It supports the M2CC protocol for managing periodic and SOS calls via TCP/IP.
Remote update comes via GPRS connection (FOTA).

- Universal quad-band gateway 2G/GSM/GPRS
- Built-in rechargeable backup battery
- FXS voice port
- EN 81-28 and EN 81-20 compliant



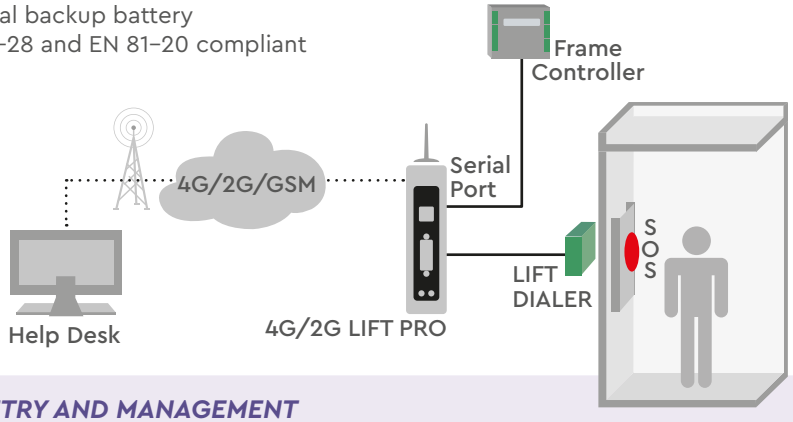
4G LIFT PRO – 8D5895G0



The new version of the Gateway with 4G engine and serial interfaces (RS232 or RS485) for remote control and maintenance. A compact DIN mount housing for installation in the lift control panel.
4G Lift Pro has an FXS voice port for connection to an emergency telephone.
The internal backup battery guarantees operation even in the event of a power failure in accordance with EN 81–28.



- 4G / 2G universal Gateway
- 1 RS232 serial port
- 1 RS485 serial port
- 1 FXS voice port
- VoLTE support
- Internal backup battery
- EN 81–28 and EN 81–20 compliant



TELEMETRY AND MANAGEMENT

Telemetry enhances lift safety with continuous monitoring and remote control, reducing response times. Usage-based maintenance improves reliability, while a single device for SOS and telemetry helps cut costs.

4G MULTIGTW K – 8D5920

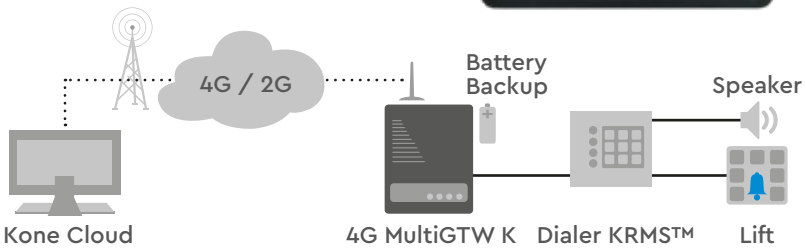
KONE part number: KM51713347R01



Digicom 4G MultiGTW K is a wireless communication module that simulates a PSTN analog line over the mobile network, specifically developed for the Kone KRMS™ system.
Powered by a 4G/LTE Cat1 engine, it supports Voice and Data with VoLTE and 2G fallback, ensuring continuity after 2G switch-off.
It provides 2 digital inputs and 1 relay output for lift controller connections (e.g. out-of-service contact).
Remote FOTA upgrades keep the gateway always online and reliable.

- 4G/2G Gateway
- Integrated backup battery with EN 81–28 Test
- KRMS™/TCP Global SIM support
- 2 Digital Input
- 1 Output
- FTP remote upgradable (FOTA)
- Gateway status via SMS
- EN 81–28 compliant





4G LIFT DIALER – 8D5896



The new Lift Alarm System with 4G engine is perfect for lift modernization or new installations.
4G LIFT DIALER is mounted in the frame controller and configured via standard DTMF tones or via the smartphone APP. Equipped with an RS232 serial interface for telemetry of the frame controller. The firmware can be upgraded remotely.

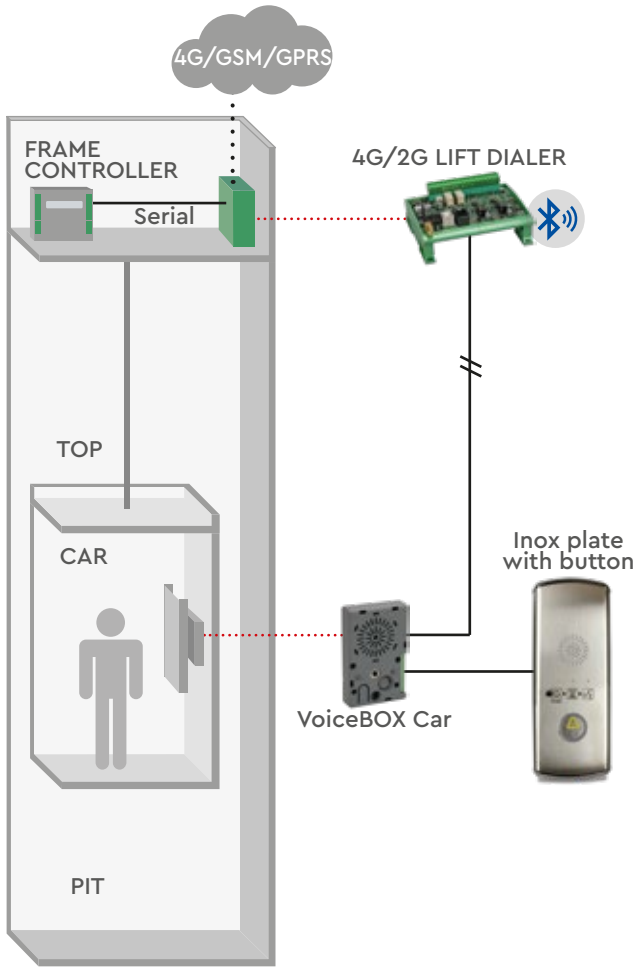
- Connection to Voice Boxes speakerphone with 2 wires only
- BLE 4.0 interface for setup
- VoLTE support
- Backup battery optional
- DIN Rail kit included
- EN 81-28 and EN 81-20 compliant

Coming in Q2 2026: ***(different part number)***

- VoIP
- CAN bus
- MQTT
- Intercom
- EN 81-72 / EN 81-73 | Evacuation System Compatible

VoIP

MQTT



PSTN LIFT DIALER – 8D5897



PSTN LIFT DIALER is a Alarm System designed to be easily and quickly installed. Together with VoiceBoxes, it can be used in new installations or modernizations.
The connection between the Dialer and the VoiceBox requires 2 wires only for voice, data and signallings.
The Dialer is typically installed on electrical panel using the supplied DIN Rail adapter.

- Dialer for PSTN Line
- DTMF configuration
- EN 81-28 and EN 81-20 compliant

Emergency telephone Systems *with embedded 4G or 2G engine. Simple installation via smartphone APP. Digital voice quality and only 2-wire connection with the VoiceBoxes are the main features of this product line.*

4G LIFT DIALER BOX – 8D5896B
Metal Box



Lift Alarm System with 4G engine perfect for lift modernization or new installation.
4G LIFT DIALER BOX is installed on top of the lift car or in the lift shaft Cabin or in the lift shaft.
Configuration via standard DTMF tones or via the smartphone APP. Equipped with a serial RS232 interface for frame control telemetry.
The firmware can be upgraded remotely.

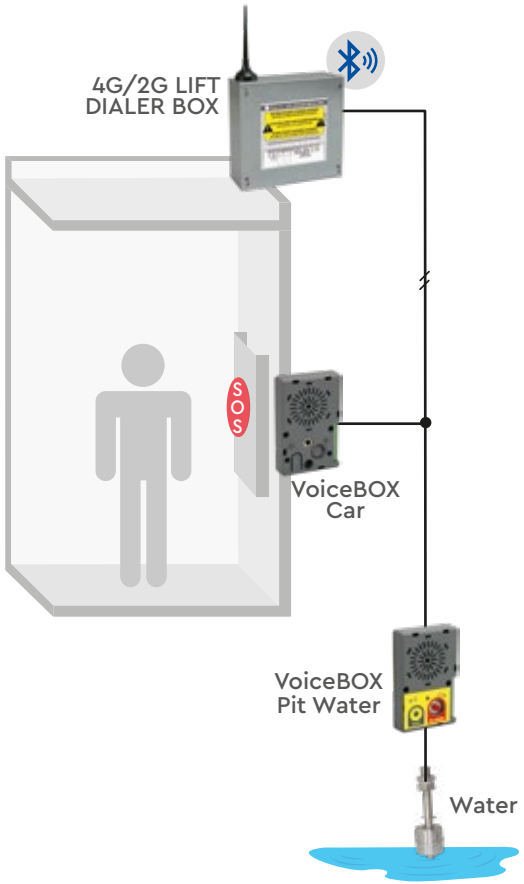
- Standalone Dialer with integrated 4G or 2G module
- Connection with speakerphone (with 2 wires only)
- BLE 4.0 interface for setup
- VoLTE support
- Rechargeable backup battery included
- Power supply unit included
- Omnidirectional antenna included
- EN 81-28 and EN 81-20 compliant

Coming in Q2 2026: ***(different part number)***

- VoIP
- CAN bus
- MQTT
- Intercom
- EN 81-72 / EN 81-73 | Evacuation System Compatible

VoIP

MQTT



PSTN LIFT DIALER BOX – 8D5897B
Metal Box



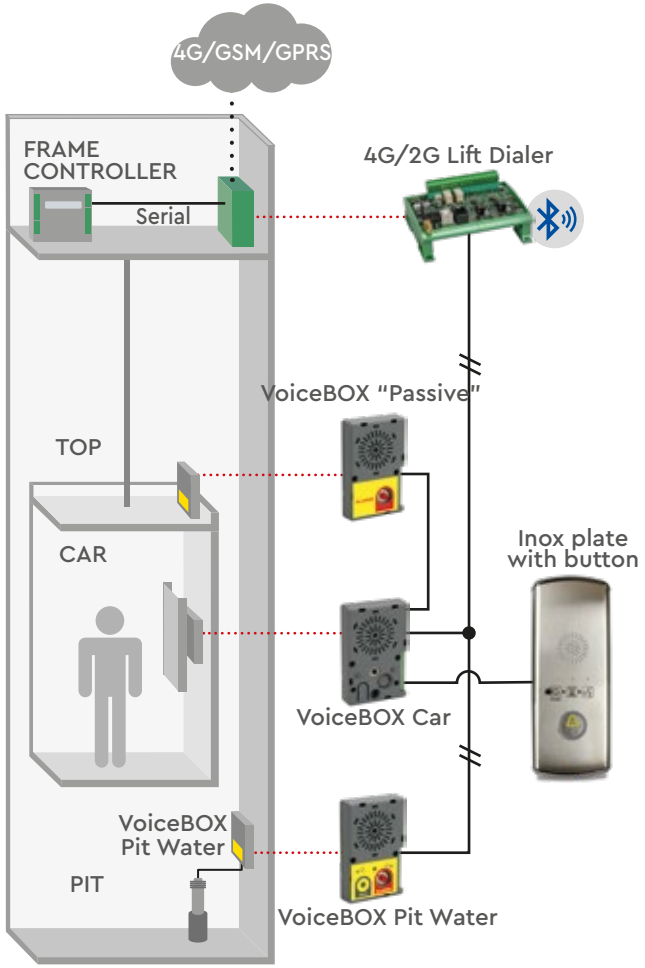
It is the rugged version of our Remote Alarm System designed to be easily and quickly installed.
Together with VoiceBoxes, it can be used in new installations or modernizations.
The connection between the Dialer and VoiceBox requires 2 wires only for voice, data and signallings.
The metal box can be installed on top of the lift Car or wall-mounted in the elevator shaft.

- Dialer for PSTN Line
- Rechargeable backup battery
- EN 81-28 and EN 81-20 compliant

Rugged emergency Telephone system
with embedded 4G or 2G engine.
Its typical installation is on the top of the lift Cabin.
Easy configuration via smartphone APP or DTMF.
Save time by connecting only 2 wires to the VoiceBoxes/Speakerphones.

VOICEBOX Series

Voicebox are an active hands-free terminal for two-way audio communication to the outside of the lift or to the machine room.
It is available in different versions and can be connected to the lift dialling devices to create an integrated alarm system.
It can be used for both new installations and modernizations.
Easy installation by connecting only 2 wires.



VOICEBOX CAR – 8D5804



Installation inside the cabin behind the push button.
You can connect the external control Leds that use the graphical displays with pictograms. Ready for the inductive loop.

- Connection with 2 wires only
- Quick and easy installation
- EN 81-28, EN 81-20 and EN 81-70 compliant

VOICEBOX PIT WATER – 8D5780PW



Pit installations with integrated SOS button and water sensor management.
This version can also manage a water sensor to detect flooding in the pit.
VoiceBOX sends this information via the Lift Dialer to the helpdesk.

Coming in Q2 2026: ***(different part number)***

- Remote diagnostic
- Intercom
- Digital communication
- EN 81-72 / EN 81-73 | Evacuation System Compatible

VOICEBOX P – 8D5810



Passive version.
Ideal for managing an intercom station when this passive version is installed on the roof/pit and the active version remains in the cabin.



A complete range of devices in 4G/2G and PSTN technologies.

Dialers and gateways ensure compliance with normatives and standards and a comprehensive range of solutions for lift alarm systems.

Emergency Telephone Systems

COPPY – 8D5894



This new generation PSTN lift dialer is an alarm system that can be installed quickly and easily.

Together with the new VoiceBoxes, it can be used for modernizations or new installations.
A new series of VoiceBoxes has been developed for triphonic applications.
VoiceBoxes has been developed. Passive units can be connected to the top and bottom of the vehicle using a LAN cable.
Configuration is carried out in just a few steps using a special APP via Bluetooth.
An 868MHz radio interface is used to connect various sensors, such as water flooding or smoke detectors.

- PSTN Lift Dialer
- BLE 4.0 interface for setup
- 868MHz interface for remote sensors
- High-Quality speakerphone
- Backup battery (embedded Coppy Metal Box)
- 5 Built-in langages (IT, FR, DE, ES, UK)
- Support Inductive Hearing Loop
- EN 81-28 and EN 81-70 compliant

PSTN

BLE 4.0

Voice

Battery Backup

Sensors

Modernization



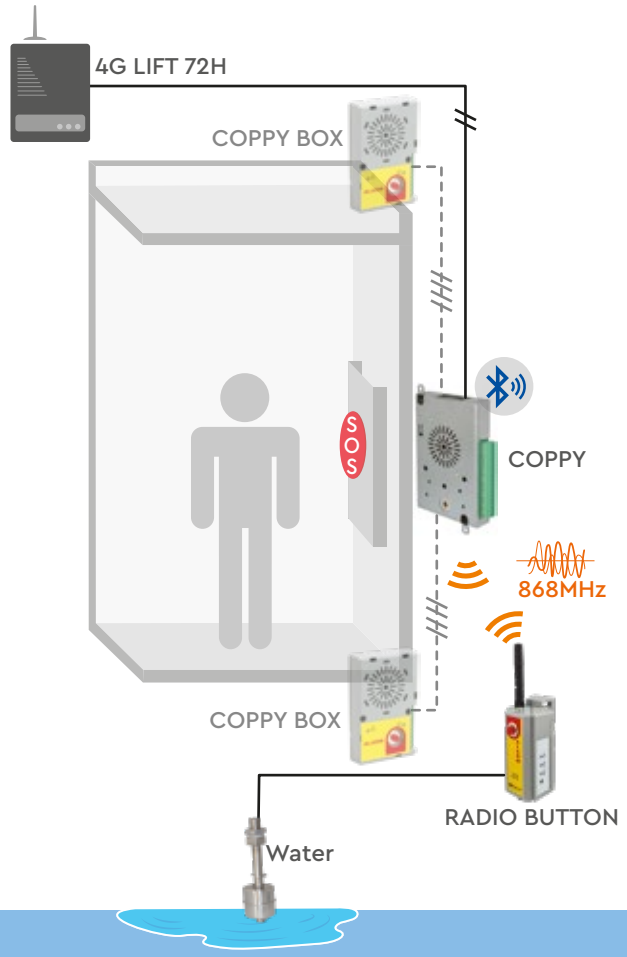
COPPY BOX – 8D5898



(for Pit/Top installations with integrated SOS button)

Coppy Box is a speakerphone terminal for bidirectional audio communications to be used when triphony is required.
Coppy Box is connected to Coppy Dialer through a standard RJ45 LAN cable, Plug & Play.
Coppy Box can be easily installed on top or botton of the Car.

- Connection with RJ45 LAN cable
- 2 Led indicators as per EN 81-28
- No external power required
- Quick and easy installation
- EN 81-28, EN 81-20 and EN 81-70 compliant



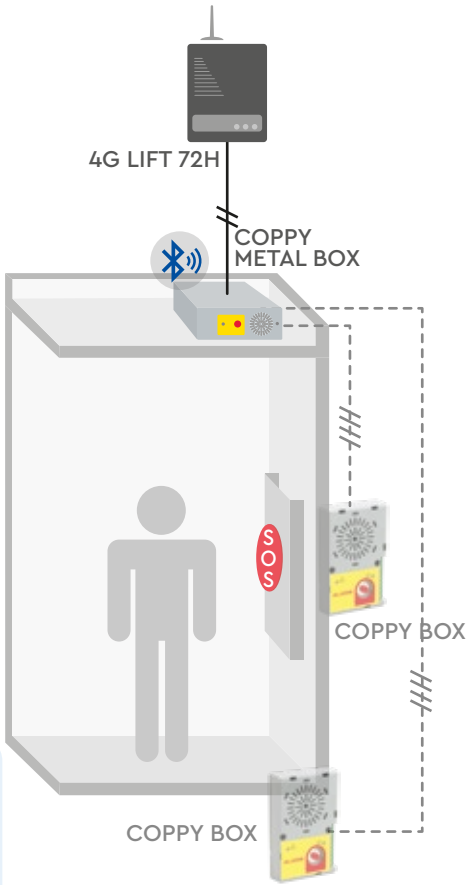
RADIO BUTTON FULL – 8D5898RA



If a button in the Pit is required, you can use the Radio Button.

When the button is pushed, this wireless unit activates the SOS alarm using the Coppy Box installed under the bottom of the Car.

- 12–24 VDC power supply
- 2 Opto-isolated Inputs
- 2 Digital Outputs
- 1 Pushbutton
- RS485 3-Wire Serial Port



COPPY METAL BOX – 8D5894B



The rugged version of the COPPY is designed for quick and easy installation on the lift car.
With an integrated hands-free unit and remote Coppy box in the car, it can be used in modernizations or new installations.
Metal housing for car roof mounting, 12V-24V powered and internal backup battery.
Easy setting with smartphone APP or DTMF tones.
Quick connection to the dedicated speakerphone with an RJ45 LAN cable.

- PSTN Lift Dialer
- BLE 4.0 interface for setup
- 868MHz interface for remote sensors
- High-Quality speakerphone
- Embedded Backup battery
- Rugged case
- 5 Built-in langages (IT, FR, DE, ES, UK)
- Support Inductive Hearing Loop
- EN 81–28 and EN 81–70 compliant

The new generation of Emergency telephone system for PSTN *connection.*
Quick and easy installation with classic DTMF tones or via Bluetooth with a special APP.
Intelligent passive top and pit units with high quality voice for Triphony applications.
Wireless sensors (water flooding and smoke) complete the solution for a perfect IoT ecosystem.

PREDICTIVE MAINTENANCE

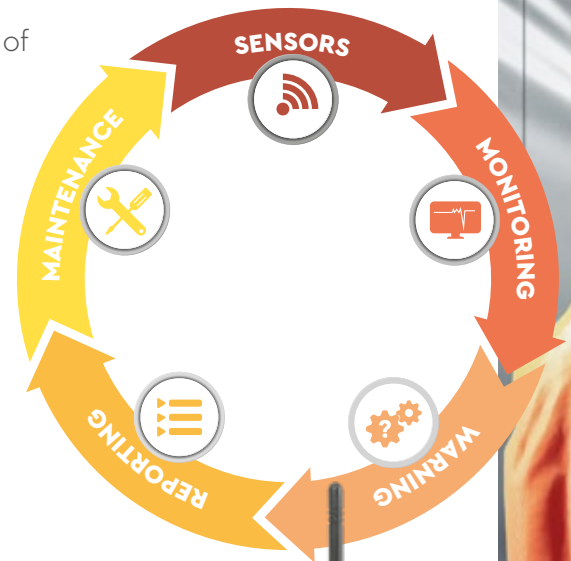
Perfect plant efficiency can only be achieved through careful, experience-based maintenance planning.
Today, machine learning and AI systems make it possible to collect data in order to recognise potential process malfunctions and reduce unplanned downtime.
Digicom has been working for years to develop specialised algorithms that enable intelligent data collection with a significant reduction in the amount of traffic generated, resulting in substantial cost savings.

Predictive maintenance systems offer a number of advantages:

- Continuous monitoring
- Fault detection and early warning
- Notification of failures in real time
- Extension of the service life of the systems
- Increase and verification of SLA service

Digicom offers **wireless sensors** that simplify and speed up installation.

Early detection of anomalies is the perfect way to save investments and guarantee service.







4G LIFTGATE 3000 (8D5893) is designed to be the technological core connecting all devices in both new and existing lifts, playing a strategic role within the overall solution.

Look@BOX – 8D5899
Sensor

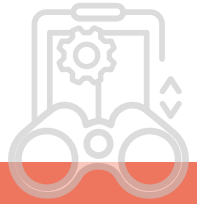


Designed to be installed on top of the lift car detecting the acceleration lanes.
Through special algorithms, it is able to identify the following data: direction, duration, speed, traveled distance, stops and abnormal vibrations.
Via the 4 inputs, it is possible to integrate other information or the temperature by connecting a PTC sensor. A power failure is recognised by an internal backup battery.

- 2G module
- 3 Axis Accelerometer
- Bluetooth interface
- Rechargeable backup battery
- MQTT protocol
- Remote update

Coming in Q2 2026: ***(different part number)***
- 4G module
- Digital communication bus
- Sim On Chip support







Look@DOOR – 8D5903
Sensor



Intelligent sensor with 3-axis accelerometer with a dedicated algorithm. It is attached to the **lift doors** and detects the number of openings and closings as well as the activation of the barrier.
It is connected via Bluetooth to the Look@BOX gateway to transmit information to our Look@CLOUD.

- 3 Axis Accelerometer
- Bluetooth 5.0 Low Energy
- CR2477 battery, long battery life
- Remote upgradeable

Look@INDUSTRY – 8D5906
Sensor



It is a sensor specifically designed to detect the operation of **electric motors in escalators or lifts**.
A battery-operated Bluetooth sensor equipped with a 3-axis accelerometer that installed on gearboxes and motors can detect variations or anomalies with respect to the standard track.
The data collected is sent to our Look@CLOUD.

BLE

SENSORS
Intelligent 3D accelerometers are at the heart of predictive maintenance.
The use of accelerometers in combination with special algorithms enables the creation of incredibly powerful IoT sensors.

Look@INPUT



Designed to be the ingress component for Digital or Analog signals when Modbus is the chosen communication bus.
It can read up to 8 channels of Digital I/O statuses or Analog values, depending on the version and type of telemetry.
Universal, compatible and industrial grade, Look@input is the ideal companion for predictive maintenance application.

- RS485 Modbus RTU interface
- Extended power supply range
- 8 channel Digital I/O or Analog inputs
- 5–36V, passive/active (NPN or PNP)
- 12bit AD converter
- 0–5VDC, 0–20mA, linea scale output

RADIO BUTTON FULL – 8D5898RA

868MHz radio device capable of remoting wired sensors to the 4G LIFTGATE 3000 Gateway.



- 12–24 VDC power supply
- 2 Opto-isolated Inputs
- 2 Digital Outputs
- 1 Pushbutton
- RS485 3-Wire Serial Port

Look@CLOUD
Smart Maintenance



Look@CLOUD is a platform that provides real-time access to lift and escalator operational and performance data with the aim of improving equipment availability, including energy-efficient solutions.
Through connectivity and the MQTT protocol, all installed devices and sensors do send data to the Digicom platform or to third-party providers, where the collected data is used to define further algorithms for anomaly detection and predictive maintenance.

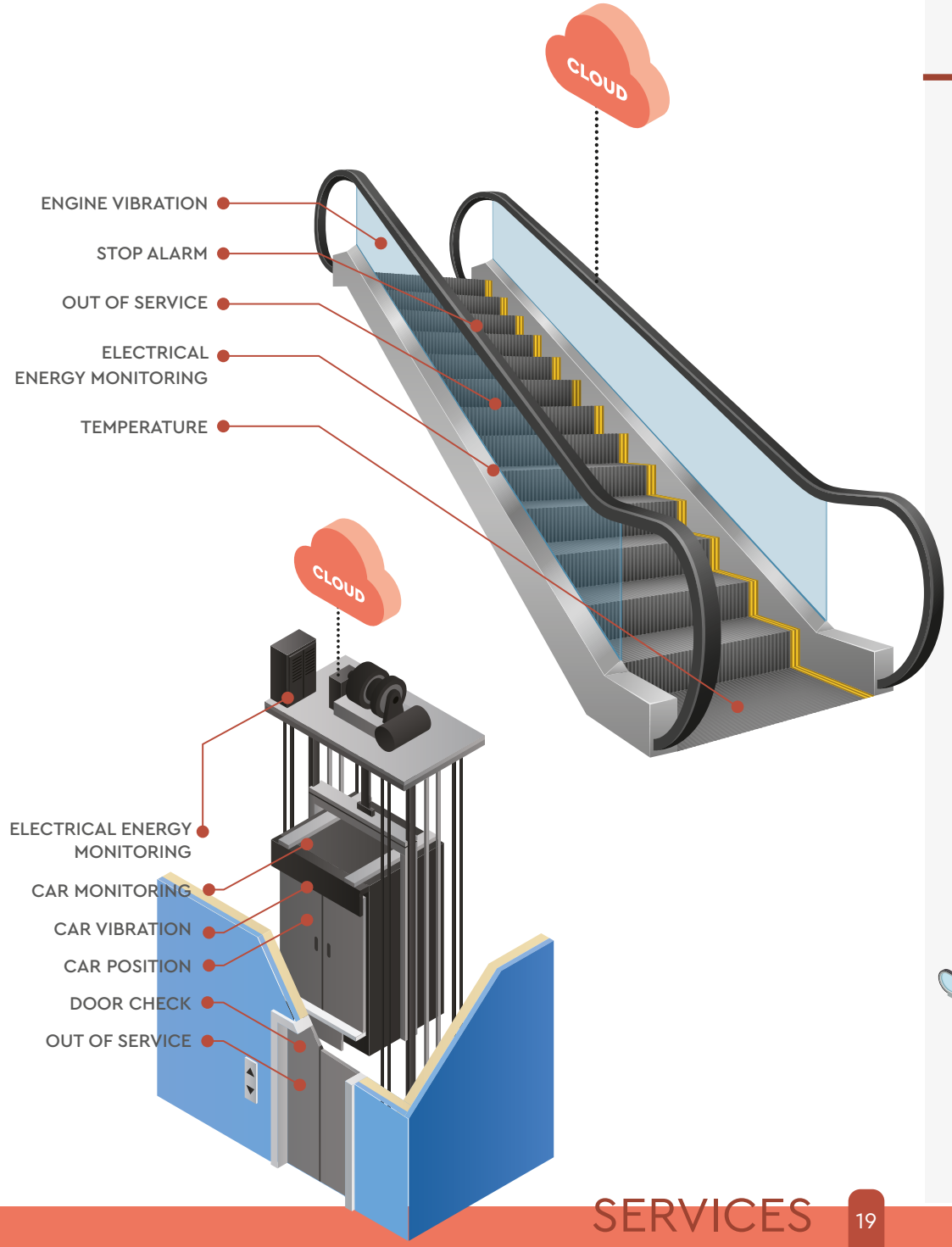
Thanks to artificial intelligence, constant monitoring and algorithm based analisys, enables technicians to know in advance what work needs to be carried out by reaching the installation with the necessary spare parts.

Constant monitoring makes the system more reliable and safe.

The collection of valuable data allows us to maximise the value in order to improve quality of services on a daily basis and improve facilities efficiency.

The Look@CLOUD platform collects the data sent by the sensors that are constantly monitoring the condition of the escalator.
In this way, it is possible to detect malfunctions or anomalies through external sensors connected to different parts of the escalator, such as transmission chains, motors or malfunction indicators.

Our system can be applied to any existing escalator solution.

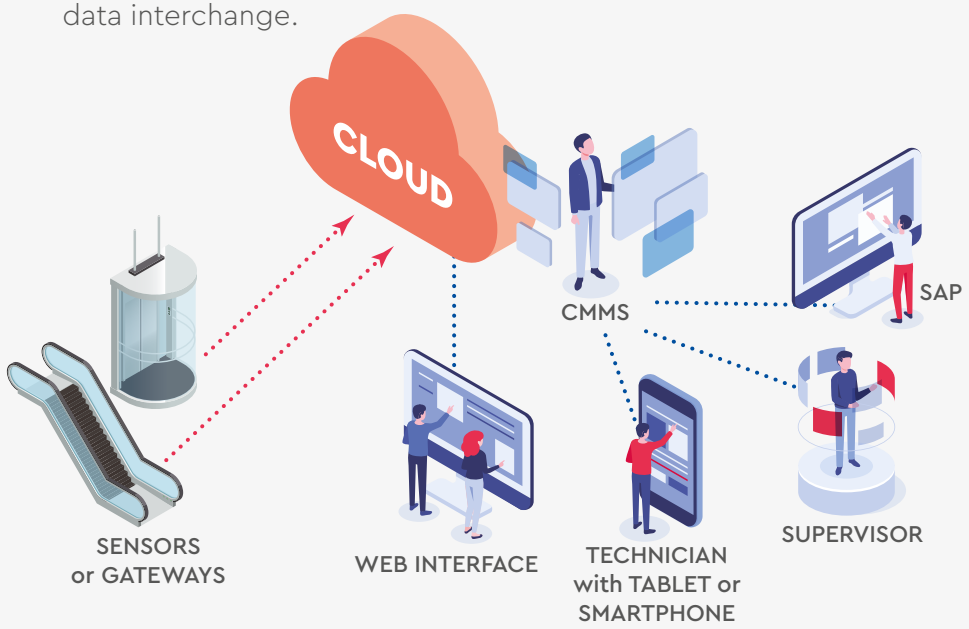


CMMS
Computerized Maintenance Management System

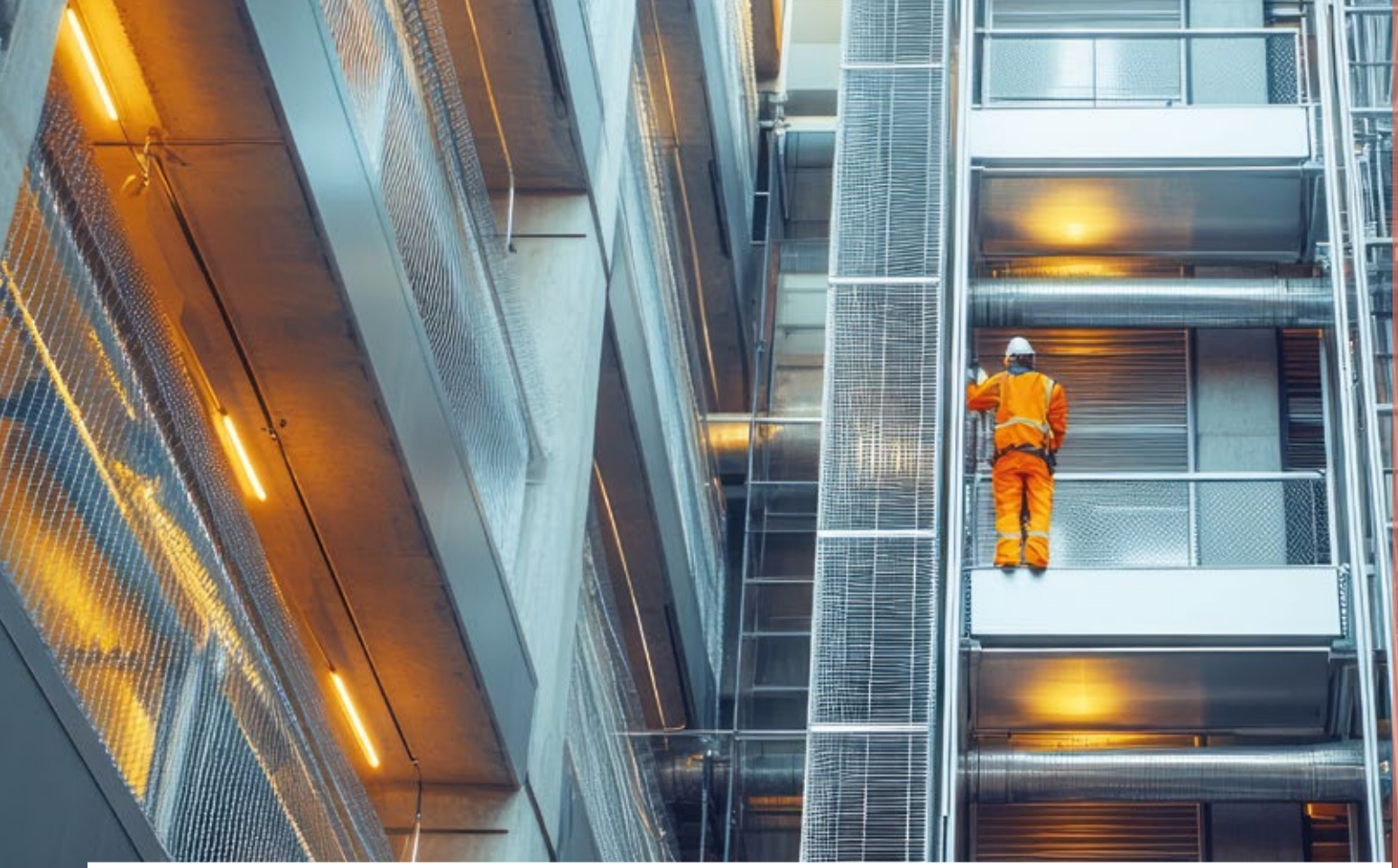
Computerized Maintenance Management System is an add-on module of our ecosystem for maintenance management and interaction with Look@CLOUD monitoring.
A modular system scalable and customizable to specific customer needs.

The basic version allows to manage the scheduled maintenance activities, generates "work orders" and forwards, via workflow, the activities to be performed to the appropriate personnel.
CMMS integrates the opening of reports from both operators and managers, in addition to those coming from the monitoring of our Look@CLOUD.
Through a Dashboard, it allows to have a complete and immediate overview of the open faults.
CMMS also manages reports in various formats (pdf, otd, csv) and can be linked.

The solution is complete with interaction with SAP systems for data interchange.



digicom
LIFT



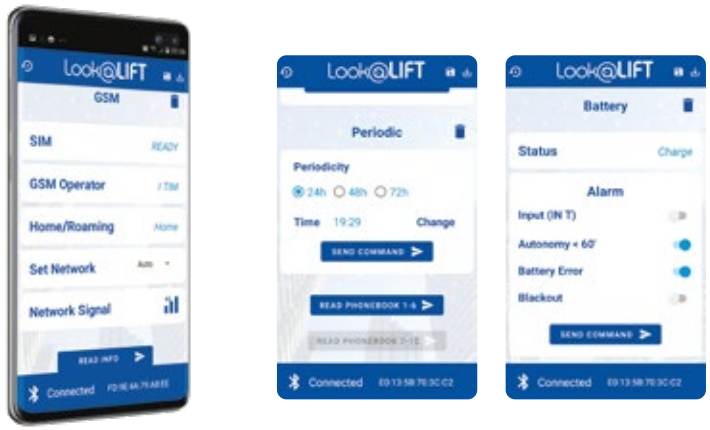


Carrying out targeted interventions before critical problems occur and scheduling maintenance at times of reduced lift and escalator usage minimises the impact on users.

Look@LIFT

The APP allows to configure the lift alarm system directly and intuitively.
Simple menus for setting the parameters via Bluetooth or SMS, on Gateways, Dialers and devices in the Lift ecosystem for connectivity, voice (VoLTE / VoIP) and diagnostic.

Available for iOS and Android Download on the App Store Download on the Google Play





ROUTER / GATEWAY







MAIN FEATURES	4G LIFTGATE 1000 – 8D5893A 4G LIFTGATE 1000NL – 8D5893ANL	4G LIFTGATE 3000 – 8D5893 4G LIFTGATE 3000NL – 8D5893NL	4G LIFTGATE 2000
ENGINE	4G/3G/2G	4G/3G/2G	4G/3G/2G
MAX SPEED	Cat 4 150M/50M	Cat 4 150M/50M	Cat 4 150M/50M
VOICE	VoLTE / VoIP	VoLTE / VoIP	—
SIM	2 Mini SIM (2FF)	2 Mini SIM (2FF)	2 Mini SIM (2FF)
ANTENNAS	2 SMA F LTE	2 SMA F LTE 1 SMA M Wi-Fi	2 SMA F LTE 1 SMA M Wi-Fi
HOUSING	Metal	Metal	Metal
POWER SUPPLY	9–32 VDC 1,5A	9–32 VDC 1,5A	9–32 VDC 1,5A
BATTERY BACK-UP	YES	YES	YES
TEMPERATURE	-20° ÷ +60°C	-20° ÷ +60°C	-20° ÷ +60°C
INTERFACE	1 LAN 10/100BT or 1 USB (NoLAN version) 1 Voice Ports FXS	1 LAN 10/100BT or 1 USB (NoLAN version) 2 Voice Ports FXS 1 Digital IN 1 Relays OUT (NC / NO) 1 Serial port RS232/RS485	1 LAN 10/100BT or 1 USB — 1 Digital IN 1 Relays OUT (NC / NO) 1 Serial port RS232/RS485
WIRELESS INTERFACE	Bluetooth 5.0	Bluetooth 5.0 868 MHz (for sensors) Wi-Fi 802.11 b/g/n	Bluetooth 5.0 868 MHz (for sensors) Wi-Fi 802.11 b/g/n
REMOTE	MQTT / SMS	MQTT / SMS	MQTT / SMS
Modbus	NO	NO	NO
CONNECTION MODE	Auto / Manual / Always ON	Auto / Manual / Always ON	Auto / Manual / Always ON
CONFIGURATION	Web / CLI / Cloud	Web / CLI / Cloud	Web / CLI / Cloud
VPN	YES	YES	YES
OTHER	Periodic Restart Watch Dog / SMS Remote FOTA Upgrade	Periodic Restart Watch Dog / SMS Remote FOTA Upgrade	Periodic Restart Watch Dog / SMS Remote FOTA Upgrade
DEVICE MANAGEMENT	YES	YES	YES
SIZE	145 × 100 × 50 mm	145 × 100 × 50 mm	145 × 100 × 50 mm
CERTIFICATION	CE, RED, RoHS	CE, RED, RoHS	CE, RED, RoHS
TYPICAL APPLICATIONS	• Lift emergency telephone systems • Lift periodical calls • Lift control panel telemetry • Elevator and Escalator IoT applications (EEIoT)	• Lift emergency telephone systems • Lift periodical calls • Lift control panel telemetry • Elevator and Escalator IoT applications (EEIoT) • Digital input/output for remote control	• Lift control panel telemetry • Elevator and Escalator IoT applications (EEIoT) • Digital input/output for remote control

GATEWAY









MAIN FEATURES	2G LIFT 72H 8D5799	4G LIFT 72H 8D5916	4G LIFT PRO 8D5895G0	4G MULTIGTW K 8D5920
ENGINE	2G	4G	4G	4G
FREQUENCY	850-900-1800-1900Mhz	800-900-1800-2600Mhz	800-900-1800-2600Mhz	800-900-1800-2600Mhz
VOICE	GSM	VoLTE / VoIP	VoLTE	VoLTE
SIM	1 Mini SIM (2FF)	1 Mini SIM (2FF)	1 Mini SIM (2FF)	1 Mini SIM (2FF)
ANTENNAS	1 SMA F	1 SMA F	1 SMA F	1 SMA F
HOUSING	Plastic	Plastic	Plastic	Plastic
POWER SUPPLY	12 VDC 1A	12 VDC 1,5A	12 VDC 1,5A	12 VDC 1,5A
BATTERY BACK-UP	YES	YES	YES	YES
TEMPERATURE	0° ÷ +45°C	-10° ÷ +50°C	-20° ÷ +55°C	-20° ÷ +55°C
INTERFACE	1 FXS Voice Ports	1 FXS Voice Ports	1 FXS Voice Port 1 RS232/RS485 Serial port	1 FXS Voice Ports
REMOTE	SMS	SMS / MQTT	SMS	SMS
CONFIGURATION	DTMF/SMS	DTMF/SMS	DTMF/SMS	DTMF/SMS
OTHER	Periodic call Periodic restart User white list Battery and signal telemetry Remote reboot	Periodic call Periodic restart User white list Battery and signal telemetry Remote reboot	Periodic call Periodic restart User white list Battery and signal telemetry Remote reboot	Periodic call Periodic restart User white list Battery and signal telemetry Remote reboot
DEVICE MANAGEMENT	NO	NO	NO	NO
SIZE	115 × 80 × 45 mm	115 × 80 × 45 mm	115 × 99 × 22,5 mm	115 × 80 × 45 mm
CERTIFICATION	CE, RED, RoHS EN 81-28	CE, RED, RoHS EN 81-28	CE, RED, RoHS EN 81-28	CE, RED, RoHS EN 81-28
TYPICAL APPLICATIONS	• Lift emergency telephone systems • Lift periodical calls	• Lift emergency telephone systems • Lift periodical calls	• Lift emergency telephone systems • Lift periodical calls • Lift control panel telemetry	• Lift emergency telephone systems • Lift periodical calls • Custom developments multiprotocol

KONE Part number: KM51713347R01

Looking for more?
Check out our Networking Catalog.



LIFT DIALER





MAIN FEATURES	2G LIFT DIALER / BOX 8D5897 / 8D5897B	4G LIFT DIALER / BOX 8D5896 / 8D5896B
ENGINE	2G	4G
FREQUENCY	800–900–1800–1900Mhz	800–900–1800–2600Mhz
VOICE	GSM	VoLTE / VoIP
SIM	1 Mini SIM (2FF)	1 Mini SIM (2FF)
ANTENNAS	1 SMA F	1 SMA F
HOUSING	Plastic / Metal	Plastic / Metal
POWER SUPPLY	12–24 VDC 1A	12–24 VDC 1A
BATTERY BACK-UP	YES (metal only)	YES (metal only)
TEMPERATURE	-20° ÷ +55°C	-20° ÷ +55°C
INTERFACE	1 FXS Voice Port (Service only) 1 RS232 Serial port 3 Input (Filter/Technical Alarm/SOS) 2 Relays OUT (NC / NO) BLE interface for configuration	1 Voice Port FXS (Service only) 1 Serial port RS232 3 Input (Filter/Technical Alarm/SOS) 2 Relays OUT (NC / NO) BLE interface for configuration
CAN bus	NO	YES **(*)**
VOICEBOX bus	2 wires analog	2 wires analog 2 wires digital **(*)**
CONFIGURATION	DTMF/SMS	DTMF/SMS
OTHER	Periodic call ADEMCO/P100 protocol User white list Battery and Black-out alarm Remote reboot	Periodic call ADEMCO/P100 protocol User white list Battery and Black-out alarm Remote reboot
DEVICE MANAGEMENT	NO	MQTT **(*)**
SIZE	115 × 80 × 25 mm 143 × 143 × 47 mm (metal Box)	115 × 80 × 25 mm 143 × 143 × 47 mm (metal Box)
CERTIFICATION	CE, RED, RoHS EN 81–28	CE, RED, RoHS EN 81–28
TYPICAL APPLICATIONS	Lift emergency telephone systems Lift periodical calls Lift control panel telemetry	Lift emergency telephone systems Lift periodical calls Lift control panel telemetry
EN 81–72 / EN 81–73 Evacuation System	NO	Compatible
INTERCOM	NO	YES

(*) Different part number available from Q2 2026



MAIN FEATURES	PSTN LIFT DIALER / BOX 8D5897 / 8D5897B
ENGINE	PSTN
VOICE	Analog

The other features of the PSTN Lift Dialer model are the same as the 4G/2G version.

VOICEBOX







MAIN FEATURES	VOICEBOX CAR 8D5804	VOICEBOX PIT WATER 8D5780PW	VOICEBOX P (Passive) 8D5810
ACTIVE TERMINAL	YES	YES	
INTEGRATED MICROPHONE	YES	YES	
INTEGRATED SPEAKERPHONE	YES	YES	NO
EN 81–28 LED	YES	YES	NO
EXT. LED MANAGEMENT	YES		
INTEGRATED SOS BUTTON		YES	YES
EXTERNAL SOS BUTTON	YES		
RESET ALARM BUTTON		YES	
TOP/PIT/CAR ID	YES	YES	
VOLUME CONTROL	YES	YES	
PASSIVE DEVICE			YES
SIZE	100 × 64 × 19	100 × 64 × 19	100 × 64 × 19
CE / RoHs	YES	YES	YES
BASIC DIAGNOSTIC	YES	YES	NO
ADVANCED DIAGNOSTIC	YES **(*)**	YES **(*)**	NO
VOICEBOX bus	2 wires analog 2 wires digital **(*)**	2 wires analog 2 wires digital **(*)**	

COPPY





MAIN FEATURES	COPPY 8D5894	COPPY METAL BOX 8D5894B
ENGINE	PSTN	PSTN
HOUSING	Plastic	Metal
POWER SUPPLY	12–24 VDC 1A	12–24 VDC 1A
BATTERY BACK-UP	Optional	YES
TEMPERATURE	-20° ÷ +55°C	-20° ÷ +55°C
INTERFACE	1 Voice FXO Port 1 Four wires Bus (VoiceBox) 3 Input (Filter/Technical Alarm/SOS) 2 Relays OUT (NC / NO) BLE interface for configuration 868 MHz interface for sensors Inductive Hearing Loop	1 Voice FXO Port 1 Four wires Bus (VoiceBox) 3 Input (Filter/Technical Alarm/SOS) 2 Relays OUT (NC / NO) BLE interface for configuration 868 MHz interface for sensors Inductive Hearing Loop
CONFIGURATION	BLE / DTMF	BLE / DTMF
OTHER	Periodic call ADEMCO/P100 protocol User white list Battery and Black-out alarm	Periodic call ADEMCO/P100 protocol User white list Battery and Black-out alarm
DEVICE MANAGEMENT	NO	NO
CERTIFICATION	CE, RED, RoHS EN 81-28	CE, RED, RoHS EN 81-28
TYPICAL APPLICATIONS	Lift emergency telephone systems Lift periodical calls Lift control panel telemetry	Lift emergency telephone systems Lift periodical calls Lift control panel telemetry

COPPYBOX





MAIN FEATURES	COPPY BOX 8D5898	RADIO BUTTON FULL 8D5898RA
ACTIVE TERMINAL	YES	YES
INTEGRATED MICROPHONE	YES	NO
INTEGRATED SPEAKERPHONE	YES	NO
EN 81-28 LED	YES	NO
EXT. LED MANAGEMENT	YES	YES
INTEGRATED SOS BUTTON	YES	YES
EXTERNAL SOS BUTTON	YES	YES
2 WIRES POWER	YES	YES
RESET ALARM BUTTON	YES	YES
TOP/PIT	YES	YES
VOLUME CONTROL	YES	YES
RS485 SERIAL PORT	NO	YES
868MHz RADIO INTERFACE	NO	YES
POWER SUPPLY	from Coppy	12-24 VDC
CE / RoHs	YES	YES

PREDICTIVE MAINTENANCE

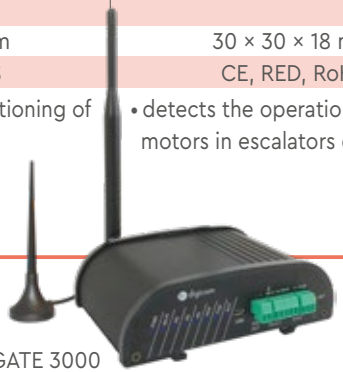






MAIN FEATURES	Look@BOX 8D5899	Look@DOOR 8D5903	Look@INDUSTRY 8D5906	Look@INPUT	RADIO BUTTON FULL 8D5898RA
ENGINE	2G / **4G (*)**	Bluethooth 5.0	Bluethooth 5.0	RS485	868MHz
FREQUENCY	850–900–1800–1900Mhz	2.402 to 2.480 GHz	2.402 to 2.480 GHz	800–900–1800–2600Mhz	868.65MHz
SIM	1 Mini SIM (2FF)	–	–	–	–
ANTENNAS	1 SMA F	–	–	–	1 SMA F
HOUSING	Plastic	Plastic	Plastic	Plastic	Plastic
POWER SUPPLY	12 VDC 1A	Long battery life (CR2477)	Long battery life (CR2477)	7–36VDC	12–24 VDC
BATTERY BACK-UP	YES	–	–	–	–
TEMPERATURE	0° ÷ +45°C	0°C ÷ +45°C	0°C ÷ +45°C	0°C ÷ +45°C	-10 ÷ +50°C
INTERFACE	Bluetooth Digital communication bus **(*)**	–	–	8 channel Digital Input or 8 channel Analog Input	RS485
3D-AXIS ACCELEROMETRIC	Integrated	Integrated	Integrated	–	–
REMOTE CONFIGURATION	SMS Remote update	–	–	–	–
OTHER	MQTT protocoll 4 Digital Inputs (Optoisolated) 1 PTC input			Modbus protocol	Inputs: 2 Optoisolated Outputs: 2 digital
SIZE	115 × 80 × 45 mm	30 × 30 × 18 mm	30 × 30 × 18 mm	115 × 80 × 45 mm	90 × 52 × 63 mm
CERTIFICATION	CE, RED, RoHS	CE, RED, RoHS	CE, RED, RoHS	CE, RED, RoHS	CE, RED, RoHS
TYPICAL APPLICATIONS	• captures accelerometer trace • identifies direction of travel, travel time, speed, distance travelled, blockages and any unknown and abnormal vibrations	• detects the correct functioning of lift doors	• detects the operation of electric motors in escalators or lifts	• Digital or Analog telemetry and monitoring	• Wireless remotized I/O

(*) *Different part number available from Q2 2026*



8D5893
4G LIFTGATE 3000

digicom
LIFT

Digicom Office
ITALY • Via della Ronna 53a
21013 Gallarate – VA
Tel. +39 0331 702611
www.digicom.it
sales.digicom@b810group.it
support@b810group.it

WE CONNECT YOUR IDEAS





A brand of B810 GROUP

B810 S.p.A.
ITALY • Via Lazzaretti 2/1 Z.I. Mancasale • 42122 Reggio Emilia
Tel. +39 0522 510200 • Fax +39 0522 506299 • www.b810group.it