

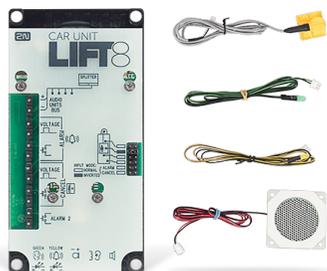
# 2N® Lift8

2N® Lift8 is highly modular elevator communication system using just two-wire bus. It is an ideal solution for demanding high rise installations, projects requiring modularity and buildings with multiple shafts. The seamless hardware upgrade without the need to change the whole system provides flexibility and reduces TCO. 2N® Lift8 meets all the applicable EU standards.

## Key features

- Comprehensive, modular, expandable
- Wide range of communication interfaces
- Connection of up to 8 shafts management

### Various types of audio units:



**COP version of the cabin unit for installed behind the panel**

Order No.	<b>918610E</b>
Name	2N® Lift8 AUDIO UNIT COP
Desc.	COP version

Order No.	<b>918610XE</b>
Name	2N® Lift8 AUDIO UNIT COP
Desc.	COP version with cables



**Surface-mounted cabin unit**

Order No.	<b>918613E</b>
Name	2N® Lift8 Audio Unit COMPACT
Desc.	With button

Order No.	<b>918613WBE</b>
Name	2N® Lift8 Audio Unit COMPACT
Desc.	Without button



**Flush-mounted antivandal version of the cabin unit**

Order No.	<b>918618BE</b>
Name	2N® Lift8 AUDIO UNIT FLUSH
Desc.	With button

Order No.	<b>918618E</b>
Name	2N® Lift8 AUDIO UNIT FLUSH
Desc.	Without button

2N® Lift8 Central Unit, the main component of the system, provides the battery backup for all connected audio units and ensures audio communication.



Order No. [918600E](#)

Name 2N® Lift8 Central unit

Desc. -

Interfaces for communication with the operator (outside calling)

Monitoring interface to elevator controller



Order No. [918652E](#)  
Name 2N® Lift8 PSTN  
Desc. -



Order No. [918650E](#)  
Name 2N® Lift8 GSM/UMTS  
Desc. -  
Order No. [918651E](#)  
Name 2N® Lift8 GSM/UMTS  
Desc. -



Order No. [918658G](#)  
Name 2N® Lift8 LTE  
Desc. 2G, 3G, VoLTE

\*coming soon



Order No. [918658G](#)  
Name 2N® Lift8 VOIP  
Desc. RJ-45 port (WAN); SIP communication



Order No. [918654E](#)  
Name 2N® Lift8 RS232  
Desc. -



Order No. [918657E](#)  
Name 2N®Lift8 IP  
Desc. RJ-45 port (LAN)

# Order numbers



Order No. **918611E**

---

Name 2N® Lift8  
MACHINE ROOM UNIT

---

Desc. MR unit + programming

Order No. **918623E**

---

Name 2N® Lift8  
MACHINE ROOM UNIT

---

Desc. PCB version



Order No. **918622E**

---

Name 2N® Lift8  
CAMERA MODULE

---

Desc. For visual alarm confirmation



Order No. **918620E**

---

Name 2N® Lift8 SPLITTER

---

Desc. Shaft extender



Order No. **918621E**

---

Name 2N® Lift8 I/O MODUL

---

Desc. For easy lift monitoring



Order No. **918615E**

---

Name 2N® Lift8 Audio Unit  
FIREMAN

---

Desc. For fire fighter elevators

Order No. **918619E**

---

Name 2N® Lift8 Audio Unit  
FIREMAN

---

Desc. PCB version



Order No. **918617E**

---

Name 2N® Lift8 SHAFT  
UNIT ANTIVANDAL

---

Desc. For heavy duty environment



Order No. **918612E**

---

Name 2N® Lift8 SHAFT UNIT

---

Desc. Top of, under cabin or pit



Order No. **918655E**

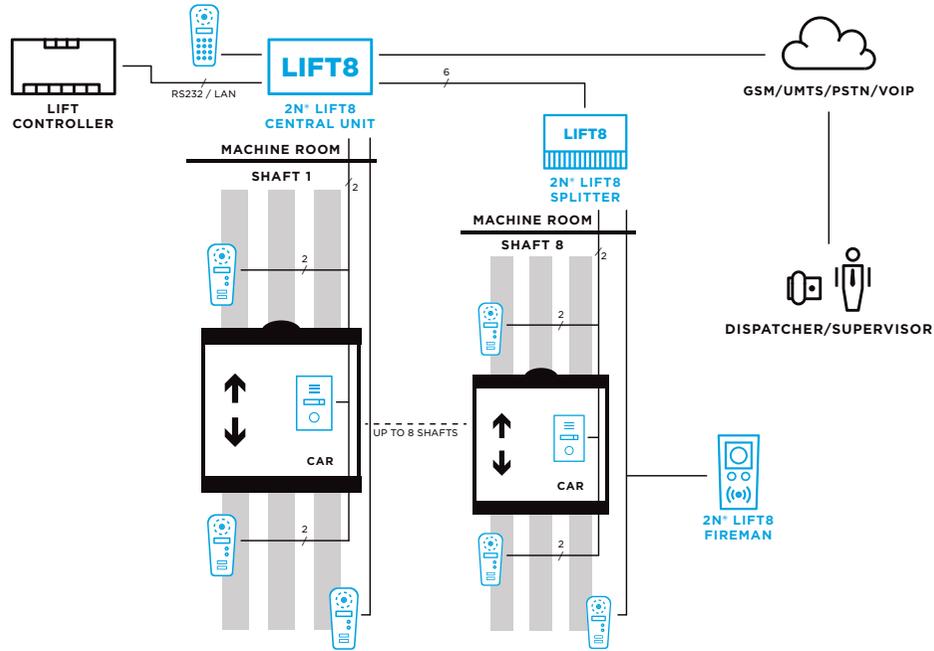
---

Name 2N® Lift8 PICTOGRAM  
CONTROLLER

---

Desc. External pictogram driver

# Installation



# Technical Specifications

## Central unit

Power supply (max.)	100-240V; 50/60Hz; 0,75A; 60W
Backup power supply	Internal Lead Acid Battery (1,3 Ah / 3 Ah)
Maximum distance between splitters	100 m (with cable cross-section 2,5 mm <sup>2</sup> )
Connection options	7 reporting units +7 splitters + 8 I/O modules
Interface for connection with lift service centre	Choice of PSTN/GSM/UMTS/LTE/VoIP
Configuration and monitoring	Voice menu/USB/remote
Indicators	5x LED, three-colour
Dimensions and weight	300 × 170 × 72 mm; 2,7 kg
Operating temperature	0 - 40°C

## Cellular network

Bands	GSM 850/900/1800/1900 MHz UMTS 800/850/900/2100 MHz <b>LTE module (EG25-G):</b> LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28; LTE-TDD: B38/B39/B40/B41; WCDMA: B1/B2/B4/B5/B6/B8/B19 GSM: B2/B3/B5/B8
SIM card	mini, plug-in 3V
Antenna	one external with SMA connector

## Camera module

Power supply	12 – 18V DC, max. 0,2A
Camera Interface	RS232/RS485 and RJ-45
Dimensions	142 × 98 × 34 mm
Memory card	microSD up to 32GB

## Splitter

Power supply	24V from Central Unit or local
Capacity	7 audio units and Camera module
Max. overall length	600 m
Lift block impulse	Relay, both NO and NC contacts
Dimensions	142 × 98 × 34 mm

## Fireman unit & audio unit shaft (antivandal)

Cover	robust aluminum casting
Operating temperature	-25°C - 55°C
Operating relative humidity	10% - 95% (non-condensing)
Storage temperature	-40°C - 70°C
Dimensions	217 × 109 × 83 mm, (242 × 136 × 83 mm including the frame)
Weight	netto: max. 2 kg, brutto: max 2,5 kg
IP coverage	IP65

## I/O module

Power supply	24V from central unit or local
Capacity	4 inputs + 4 outputs
Inputs	Galvanized insulation, 12 - 24V AC or DC
Outputs	Relay, NO contacts, max. 250V, 5A
Dimensions	142 × 98 × 34 mm