Navigation Box (02)

The Smart Sensor

Product Datasheet

A smart sensor for every lift. Let the data do the talking.

KEY FEATURES

- Simple and quick installation for retrofit applications
- Position information directly to the AVIRE HUB without connection to the lift controller
- Works with E-MOTIVE displays to show position and direction of travel
- Can be used on any type of lift
- Provides useful data about lift usage
- Can be programmed on site or via the AVIRE HUB
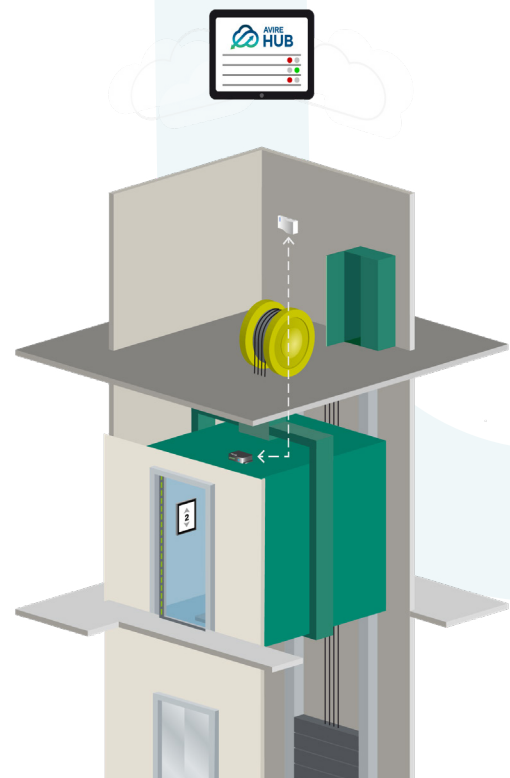- Works on lifts up to 18 floors

We believe that every lift has a story to tell, it's just a matter of how you tell it. The Navigation Box from AVIRE provides the insight needed to understand more about the journeys your lift has made and its usage pattern. This allows building owners and maintenance providers to make more informed decisions regarding how regularly certain elements of the lifts need to be maintained to avoid issues.

The Navigation Box also provides E-MOTIVE displays with floor position and direction of travel without any connection to the lift controller, providing a truly independent solution.

The Navigation Box can be used for lift travel of up to 54m, approximately 18 floors.

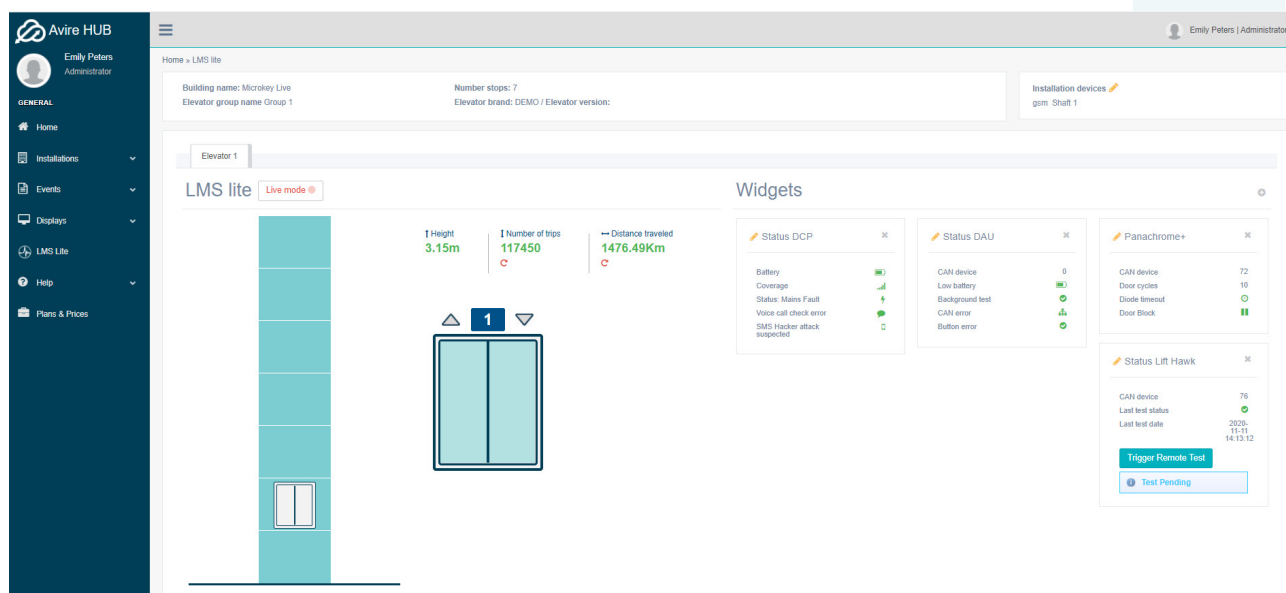### SYSTEM ARCHITECTURE NAVIGATION BOX

⦿ MEMCO

With manufacturing locations in 3 countries and sales offices in 14 locations, our DCP is the world's most trusted solution that has already been installed in over 200,000 lifts across Europe to ensure passenger safety and compliance. We also offer local Support Services to ensure our customers receive the help they require.

The multi-purpose sensor connects to AVIRE DCP (or connected as a part of the AVIRE Ecosystem) and is installed on top of the elevator car.

Once installed, the Navigation Box is put into a learning mode where it makes one trip to the top of the lift, and one trip to the bottom of the lift ensuring that it stops at every level. Once complete, the Navigation box will be aware of its location within the shaft and the direction it is travelling.

The Navigation Box provides data such as distance travelled, number of trips and velocity, as well as being able to give you basic LMS functions such as current floor and direction of travel all in one little box.

Ordering Information

Part	Description
AC-NAV02-M0-900	Navigation Box
AC-2CM10-100-F-20-000	Digital Communication Platform - GSM/2G
AC-4CM10-610-F-20-000	Digital Communication Platform - GSM/4G
AC-ATM00-101-0-00-000	10m Antenna
AC-ATM00-050-0-00-000	Extension Antenna for DCP 5 metre
AC-ATM00-150-0-00-000	Extension Antenna for DCP 15 metre

Specification

Parameter	Value
Power Supply	10-30VDC
Consumption	0.5W
Connections	MKCAN
Op. Temp.	0°C to +60°C
Dimensions	138 x 64 x 31 mm