



DESCRIPTION

Positioning Transmitter for indoor tracking of devices with location receivers built in.

Philosophy is to install beacons as narrow as it is useful for the application and to achieve a good overview of the situation in distress situations.

A-POS transmits a wireless location signal constantly with the range between 1 and 4 meters depending on the antenna to be picked up by devices passing by. Devices is responsible to report status back to the application.

Status and keep alive of A-POS is reported back from the A-POS to the CMS over the wireless infrastructure.

Main usage

- Indoor location
- Access control
- Wander alert in dementia scenarios
- Assistance and panic button

TECHNICAL DATA

Positioning transmitter

For precise positioning in indoor environment.

Connection

A-POS is only connected to power supply.

Radio Supervision

A-POS transmits status and keep alive over the radio network to minimize cost of installation and ensure high availability. Alarms and notifications are sent to the CMS server for further dispatch to connected systems from 3rd party integrators. Auto test with configurable interval.

Tamper switch

A-POS is equipped with a built in tamper switch to alert if the unit is opened.

Synchronization

It is possible to synchronize to units close to each other to avoid interference.

Antennas

One antenna, either A-FA (ferrite antenna) or loop antenna.

Programming

Via jumpers, switches or via PC.

Harmonized standards

- EN 301 489-1 v.2.1.1.
- EN 301 489-3 v.1.6.1
- EN 60950-1
(2006+A1+A2+A11+A12:2011)
- EN 300330 v.2.1.1.

Conformity

- 2014/53 EU (RED)
- 2014/35 EU (LVD)
- 2014/30 EU (EMC)
- 2011/65 EU (RoHS2)

Technical data / installation

- Size (L x W x D) 86 x 86 x 26 mm
- Weight 85g
- Power supply 12-28VDC
- Wired output
- 65 000 position id.
- Wall socket fit with a 13mm frame or directly on the wall with a 60mm frame.
- Max peak power consumption 12vdc/1,6A or 24vdc/0,8A

Accessories

- A-FA positioning antenna
Size (L x W x D) 213 x 29 x 23 mm
- A-LOOP (loop extender when more than 1 loop antenna)
- Antenna anti vandal cover
- 12Vac (1,6A) adapter