



Position Transmitter D-POS

D-POS

D-POS is a RFID position transmitter for use together with D-ATOM. When a D-ATOM detects the field that is emitted by D-POS, the D-ATOM will transmit a signal about which D-ATOM that has passed what position.

The D-POS and the D-ATOM can together be used as wandering alarm or as positioning service in nursing homes. It can also be used for door opening or other activations.

Each position transmitter can be used with two antennas. These can be loop antennas or of ferrite type. The loop antenna is used around doorways or in the floor. The ferrite antenna is easier to install and can



PROPERTIES

Control unit size 130x70x28 mm
Ferrite antenna size, 213x23x22 mm
Easy installation
Visual indication

PROGRAMMING

Programación sencilla.
Easy programming by jumpers and switches
Advanced programming from computer
Individual position codes
Adjustable output power

FUNCTIONS.

Emits a low frequency field for activation of D-ATOM
Each unit controls two antennas
Handles two types of antennas
Zone handling

CE 0341

Standards: EN 60950-1:2001
EN 301489-3 v1.4.1
EN 300220-3 v1.1.1
EN 50134-2:2000
EN 50134-3:2002

Frecuency: 869.20-869.25 Mhz
Directives CE: R&TTE 1999/5/EC
LVD 73/23/EEC
EMC 89/336/EEC

Trigger with position D-ATOM

D-ATOM

The D-ATOM is a portable trigger ATOM with capabilities to receive RFID positioning information from the position transmitter D-POS. When the D-ATOM comes into the low frequency field from a D-POS it will transmit an alarm with information on which ATOM that has passed what position.

The information sent from D-ATOM can be received by for instance D-TECT, NEO or TREX. By configuring the units in different ways, the system can be used for surveillance of doors but also for positioning of persons after normal alarms.

The battery lifetime depends of course on how the unit is used. If the unit is used for continuously surveillance the battery time will be shorter, but in a system where the units are used for positioning after normal alarms, the battery will last several years. The unit checks the battery condition regularly and sends an alarm if the battery becomes weak.

The D-ATOM has all benefits that the ATOM has. The unit can be used either as



PROPERTIES

ATOM with RFID receiver
Configurable as normal, dementia or personnel unit
Zone handling
Low power consumption
Same benefits as ATOM

RADIO

869.200-869.250 MHz frequency dedicated for social alarms
Both sending and receiving capabilities
Adjustable output power

MECHANICS

Small unit, only 44x35x11 mm
Shaped for best fit
Wear with enclosed necklace or wristband
Waterproof
Button that easily can be pressed all over the area

SAFETY

Reliable radio communication with acknowledgement
Visual indication of successful transmission
Battery condition control with alarm to main unit

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