

7182

Wireless Optiscan with on/off switch

03-11-2014 - V3.0



User Manual

General:

This wireless Optiscan detects when a person intends to leave the bed. It includes a switch to turn the Optiscan On/Off. This sensor works in combination with the Daza Pagers and the Daza Receivers. Because of the combination with the On/Off switch on the receivers and the On/Off switch on the sensor it is not advised to use this combination.

Installation and use:

Place the sensor on the floor, facing the bed (figure 1). Make sure that the sensor is placed safely where it can cause no harm to the inhabitant, for example underneath a chair or table. **It is highly preferable to place it at a distance of at least 2 meters from the bed.** The sensor has a 90 degrees field of view over a distance of approximately 7 meter. Make sure that no objects are in front of the sensor that can block its view (figure 2).



Figure 1: Sensor placement

Switching on:

1. Switch on the sensor by placing the switch on the back of the sensor to position "1" ("0" is off)
2. Leave the room
3. The sensor switches itself on automatically once **no** movement across the floor has been detected for 15 seconds.



Figure 2: Viewing angle sensor

Note: *The sensor will not transmit any alarms in the first 5 seconds after the sensor is turned on. This will prevent falls alarms when the sensor is turned on.*

Switch off:

1. Turn the sensor off by setting the switch to position "0" ("1" is on)
2. If applicable, set the alarm on the nurse call system.

Note: *The off switch only switches off the transmitter and not the Optiscan itself. The red LED is therefore not an indicator that the Optiscan is off*

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Battery empty warning:

When the Optiscan battery is almost empty the LED behind the Optiscan lens blinks red every 5 seconds

Battery replacement:

Only replace this with a 3.6 volt lithium cell of size 2/3 AA.

Correct operation can only be guaranteed when an original battery of the brand Saft, type LS17330 is used (Daza partnumber 7083).

Remove the 4 screws on the rear of the Optiscan housing. Replace the battery in accordance with Fig. 4. Please note: Plus (+) pole on the right side. After closing the Optiscan the sensor will require some time to calibrate. This is shown by the frequently illumination of the green LED behind the lens.

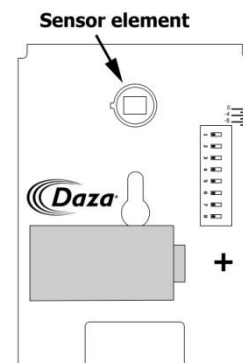


Figure 4: Battery placement

NEVER TOUCH THE ELEMENT IN THE SENSOR!

Entrance delay.

Standard between the detection of a movement and a transmission is a delay of 1 sec. This delay gives you the time to switch off the receiver so that no alarm is received. It is possible to change this time into 3, 5 or 10 seconds. You can do this by changing dipswitch 1 and/or 2.



1 second (default)



3 seconds

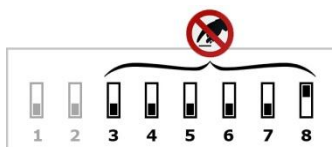


5 seconds



10 seconds

Factory default settings



Switch 3 to 8 should **NEVER** be changed!!

When changes are made, correct operation of the sensor can NOT be guaranteed.