

7009 / 7109

Wireless Optiscan

2014-06-05 - V1.0



User Manual

General:

This wireless Optiscan detects when a person intends to leave the bed. It includes a built-in transmitter that communicates directly with your carephone or nurse call system. This transmitter must be configured to the carephone / nurse call system before you can use the sensor. By switching the sensor on and off three times briefly in succession, you can automatically enable the sensor to send an alarm. Because some carephones require a call to be made 2x in succession, the transmitter will have to be activated twice.

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 approximate 7 meter. Make sure that no objects are in front of the sensor that can block its view (figure 2).



Figuur 1: Sensor Plaatsing

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.



Figuur 2: Kijkhoek 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 care-system telephone / nurse call system.

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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. 3. 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.

NEVER TOUCH THE ELEMENT IN THE SENSOR!

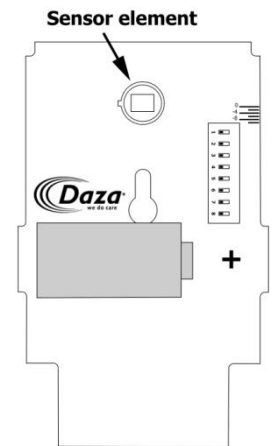


Figure 4: Battery placement

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.