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MOTION DETECTOR

ShieldSense Elite

User manual

Last updated: 17 November 2026

Welcome

Thank you for choosing the ShieldSense Elite.

The ShieldSense Elite is a wireless indoor motion detector. It sees movement up to 8 metres away and 110° wide, and reports it straight to your alarm panel. Thanks to LoRa the signal reaches up to 500 metres in open field and gets through thick walls and floors — ideal for a large house, an outbuilding, a warehouse or business premises.

The ShieldSense Elite works exclusively with the ShieldLink Elite.

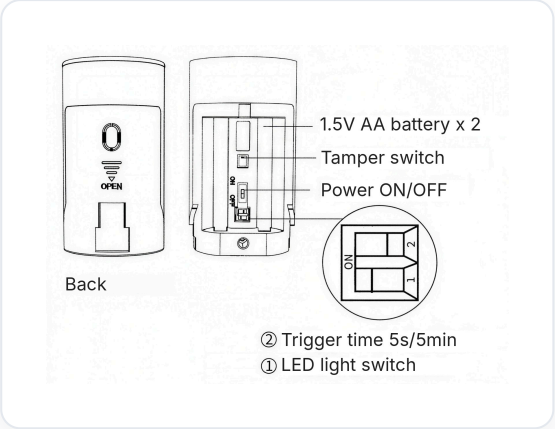
Contents

1 The ShieldSense Elite at a glance 2
2 Pairing with your alarm panel 3
3 The setting switches 3
4 Mounting 4
5 Replacing the batteries 5
6 Specifications 5
7 Warranty & support 5

1 The ShieldSense Elite at a glance



The ShieldSense Elite



Back: batteries (2× AA), on/off and the setting switches

Light	Meaning
Blue	Movement detected
Red	Battery running low

- LoRa connection: encrypted and interference-free, with a range of up to 500 metres in open field.
- Tamper protection: if the detector is taken off its bracket or opened, the alarm panel receives a tamper notification.

2 Pairing with your alarm panel

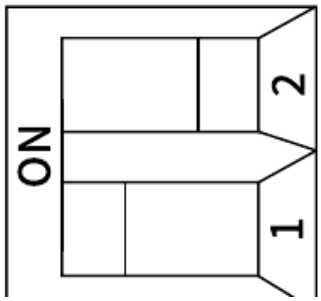
1. Insert the batteries and set the on/off switch on the back to ON.
2. Put the ShieldLink Elite in pairing mode for a motion detector: on the home screen tap Connection (bottom left), enter the user code (default 1234), choose Sensors, tap “+”, choose Motion and tap “+ Pair”.
3. Move your hand in front of the detector until the light comes on. The alarm panel confirms the pairing.
4. In the app, give the detector a name you will recognise, such as “Warehouse” or “Office”.

GOOD TO KNOW

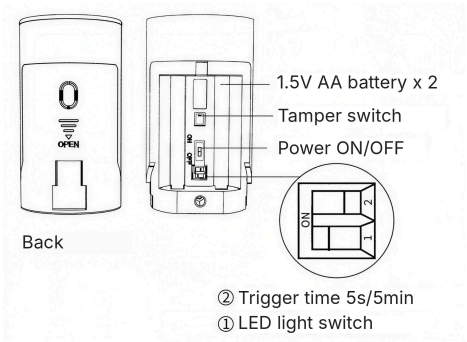
You will find the full steps in the ShieldLink Elite manual, in the chapter on pairing accessories. You can also pair via the app: open the alarm panel → Accessories → “+”. All manuals are at neroo.eu/pages/manuals.

3 The setting switches

Behind the battery cover there are two small switches. With them you set the light and the waiting time.



The two setting switches



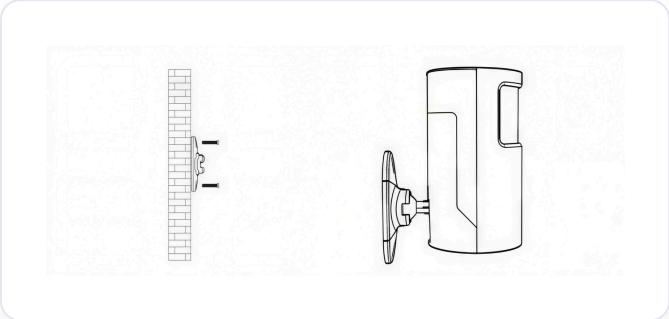
Position of the switches, next to the batteries

Switch	ON	OFF
1 — Light	The light comes on when movement is detected	The light stays off
2 — Waiting time	5 minutes between two notifications	5 seconds between two notifications

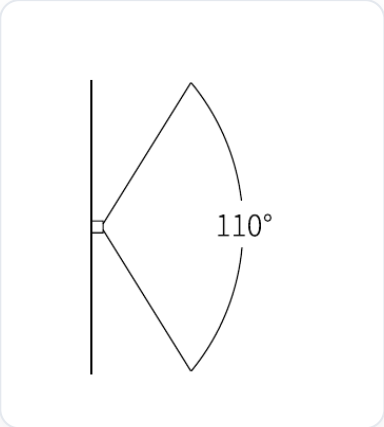
GOOD TO KNOW

Set switch 2 to OFF (5 seconds) while you are testing: you will see straight away whether the detector responds. Then set it to ON (5 minutes) for everyday use — that saves the batteries, and an intruder is seen the first time anyway.

4 Mounting



Screw on the bracket, click the detector on and aim it



Top view: 110° wide

1. Choose a corner or a flat wall with a good view of the room, at a height of 2.0 to 2.2 metres.
2. Screw the wall bracket to the wall with the plugs and the two screws.
3. Click the detector onto the swivel bracket and aim it at the part of the room someone has to walk through.
4. Test the detector with switch 2 set to OFF: walk through the room and check whether the light comes on.

How it works best

- Let the detector look across the walking direction: it sees movement past it better than movement straight towards it.
- Keep the view clear: no cupboards, curtains or large plants in front of the detector.
- Keep at least 1 metre away from heat sources such as radiators, heaters, air conditioners and ventilation grilles.
- Do not aim it outside through a window: a motion detector cannot see through glass, and sunlight can interfere.
- Indoors only — not suitable for outdoors or damp rooms.

GOOD TO KNOW

Far away from the alarm panel, for example in a shed or warehouse? After mounting, check that the notification arrives properly: walk past the detector and look in the app. Thanks to LoRa this usually works through several walls.

Useful with Home mode

Want to guard the outer shell at night while moving around freely inside? Then set the motion detectors to “Away only” in the app. In Home mode the door and window sensors stay active, but the motion detectors do not.

5 Replacing the batteries

The ShieldSense Elite runs on two AA batteries and is economical: in standby it uses less than 10 µA. If the light flashes red, or the app reports a low battery, it is time to replace them.

WARNING

Switch the system off and temporarily switch off the alarm panel's siren before you take the detector off its bracket or open it. Otherwise the tamper protection sees this as a break-in attempt.

1. Click the detector off the bracket and open the battery cover on the back.
2. Replace both batteries with new AA batteries (1.5 V), minding the plus and minus.
3. Close the cover, click the detector back on, switch the siren back on and clear the battery notification in the app.

6 Specifications

Type	Passive infrared motion detector (PIR) for indoor use
Works with	ShieldLink Elite only
Wireless	LoRa, encrypted · range up to 500 m in open field
Detection	Up to 8 metres · 110°
Battery	2× AA (1.5 V) · standby < 10 µA
Dimensions	50 × 92 mm
Environment	−10 to +50 °C · humidity < 95 % (non-condensing)
Colour	White
In the box	ShieldSense Elite, wall bracket, plugs and screws

7 Warranty & support

Your ShieldSense Elite comes with a manufacturer's warranty. Questions or need help? Our team is happy to help.

- E-mail: service@neroo.nl · Phone: +31 85 850 0107
- Manuals, videos and frequently asked questions: neroo.eu/pages/manuals
- At the end of their life, hand the device and the batteries in at a collection point (WEEE).

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