

Motion detector, Niko Home Control, 8 m, 180°, wall detector, for flush-mounting box

550-20211



4 year warranty

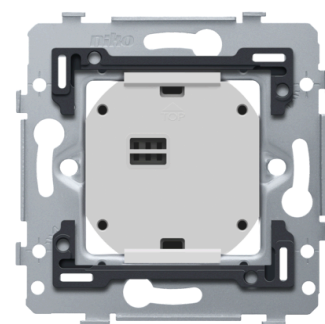


This motion detector is suitable for indoor use and can be used as a motion detector or as a motion detector in combination with a photo cell. With one push of the button, you can also manually switch the light on and off. The motion detector is supplied with power via the Niko Home Control installation.

Compatible secondary detectors:

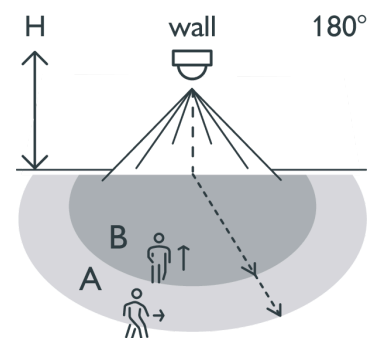
Compatible master detectors:

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Detection range

H	A Across	B Towards
0.8 m	7 m	2.4 m
1 m	8 m	3 m
1.2 m	9 m	4 m



Technical features

Type of detector	motion detector
Type of product	mechanism
function	sensor input
Can be part of Niko Home Control system	<ul style="list-style-type: none">Niko Home Control IINiko Home Control I
Compatible with	<ul style="list-style-type: none">connected controller
Design range	<ul style="list-style-type: none">Niko OriginalNiko PureNiko Intense
Function	<p>the indoor motion detector detects moving heat sources and activates or deactivates Niko Home Control functions. The indoor motion detector detects moving heat sources by using Passive Infrared Technology (PIR). When motion is detected, the motion detector activates or deactivates certain Niko Home Control functions. These functions are assigned while programming the installation by linking functions to the unique address of each indoor motion detector. When a person enters the detection area, the motion detector initiates the starting behaviour. When the person has left the detection area or remains motionless within the area (up to 10 s after last detection) the stopping behaviour will be initiated. The indoor motion detector includes a manual mode option. In manual mode, the indoor motion detector will behave as if there were permanent motion. Press the manual mode button to activate or deactivate this mode. If manual mode is not deactivated, the function linked to that motion detector will remain active for 4 hours. The indoor motion detector consists of two parts: the sensor (XXX-55511) and the base (550-2021X). The bridge is mounted onto a standard flush-mounting box using screws. The maximum detection range is 8 m. The potentiometer underneath the cover of the sensor can be used for changing the light sensitivity setting</p>
Type of fastening	– with screws for simple fixing in a flush-mounting box with grip surfaces
Mounting method	flush-mounting box
Flush-mounting frame type	– 1 mm-thick metal – galvanized on all sides after cutting, even on the cut edges – with 4 grooves with screw hole of 7 mm – with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels
Base end border	<p>the flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end</p>

	borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate
Detection range (PIR)	8 m from a height of 1 m
Protection degree	IP40 for the combination of a mechanism and faceplate
Protection degree standalone	IP20
Communication protocol	Niko Home Control
Depth	20.2 mm
Minimum flush-mounting depth	16.2 mm
Centre-to-centre distance	– horizontal coupling and vertical coupling with centre-to-centre distance 71 mm – horizontal connection of several bases is quick and perfect thanks to the folded-up dovetails on the left and right side – extra robustness due to the folded-up edges on the outside of the base and the continuation to the inside of the base
Height	73.2 mm
Input voltage	26 Vdc
Material flush-mounting frame	metal
Maximum mounting height	1.2 m
Minimum mounting height	0.8 m
Nominal voltage	26 V
Maximum response value luminosity	1,000 lx
Minimum response value luminosity	10 lx
Terminals wire capacity	1 mm ² (min. 0.5 mm ²)
Terminal wire connection	screw terminals
Usage environment	indoor
Weight	48 gr
Width	73 mm
Commissioning method 2	Niko Home Control software
Detection angle horizontal	180°
Detection angle vertical	60°
Detector output	26V
Manual control	you can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically
Patent	This article is protected by at least one patent (or patent application). For more info on patents, see www.niko.eu/innovation .
Number of terminals	2 connection terminals
Dimensions (HxWxD)	73.2 mm x 73 mm x 20.2 mm
Optimum mounting height	2 m
Marking	CE