

Presence detector P46LR, DALI-2, secondary - BMS, 32-37 m, IP54, for surface mounting, white

353-752021

4 year warranty

This presence detector is a DALI-2 secondary and BMS detector that extends the detection range of a DALI master detector or as part of a BMS system. It is designed for surface mounting and has an IP54 protection degree. If the secondary detector is connected to a DALI bus with a DALI master, it will start communicating with this master without further commissioning. If it is connected to a DALI bus or a BMS system, the detector needs to be commissioned with the BMS software. The detector's settings can be modified using the Niko detector tool app and 2-way Bluetooth® communication between a smartphone and the detector or using the BMS software. Finishing colour: white

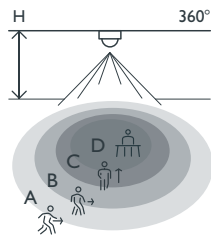
Compatible master detectors: 353-650321, 353-651321, 353-651421, 353-652321, 353-652421, 353-750321, 353-751321, 353-751421, 353-752321, 353-752421, 353-852411

This article is protected by at least one patent (application). For more info on patents, see www.niko.eu/innovation.



- Surface mounting
- Easy installation thanks to the direct connection to the DALI bus
- Communication with the master or BMS system via the DALI bus
- Power supply via the DALI bus
- Quick cabling using screwless and easily accessible plug-in terminals
- User-friendly app for settings (iOS/Android) or BMS software
- 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app
- Fitted with three PIR segments, each covering 120°
- Pre-configured functions:
 - adjustable PIR sensitivity (4 levels) in 3 x 120°
 - one or more PIR segments can be disabled
 - event log keeps track of recent changes
- Settings and configuration can be locked with a PIN code
- IP54 protection degree

Detection range



| H | A Walking | B Across | C Towards | D Presence |
|-------|--------------|-------------|--------------|---------------|
| 2.5 m | ∅ 32 m | ∅ 28 m | ∅ 10 m | ∅ 8 m |
| 3.0 m | ∅ 37 m | ∅ 30 m | ∅ 8 m | ∅ 4 m |

Measured according to EN/IEC63180



Bluetooth®



DALI-2



secondary -
BMS



360°



∅ 37 m from
a height of
3 m



2 – 3.5 m



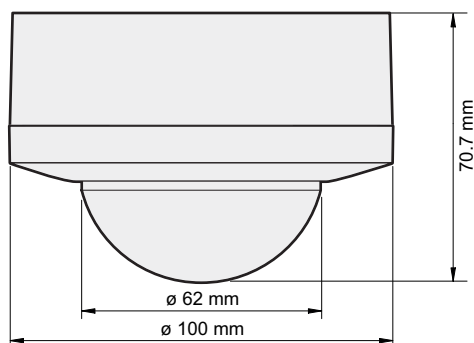
surface
mounting

niko

Technical data

| | |
|--|--|
| Article number | 353-752021 |
| Compatible master detectors | 353-650321, 353-651321, 353-651421, 353-652321, 353-652421, 353-750321, 353-751321, 353-751421, 353-752321, 353-752421, 353-852411 |
| Input voltage | via the DALI bus |
| Detector output | DALI-2 |
| Maximum current consumption | 28.1 mA |
| Nominal current consumption (12 V, 25°C), Bluetooth® enabled | 8.1 mA |
| Nominal current consumption (12 V, 25°C), Bluetooth® disabled | 5 mA |
| Maximum startup time DALI | < 1200 ms |
| Maximum PIR detection startup time | 1 min 10 s |
| Light intensity range | 0 lux – 10360 lux |
| Detection angle | 360° |
| Detection range (PIR) | ø 37 m from a height of 3 m |
| Ambient temperature | -25 – +40 °C |
| Mounting method | surface mounting |
| Mounting height | 2 – 3.5 m |
| Colour | white (approximately RAL 9010) |
| Dimensions visible (HxWxD) | 100 x 100 x 70.7 mm |
| Dimensions (HxWxD) | 100 x 100 x 70.7 mm |
| Maximum range Bluetooth® (free field, depending on the device) | 50 m |
| Operating frequency | 2.4 GHz |
| Maximum radio frequency power | -2 dBm |
| Protection degree | IP54 |
| Impact resistance | IK04 |
| Modification of settings | Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication - BMS software |
| Halogen-free | yes |
| Marking | CE |

Dimensions



Wiring diagram

