

Presence detector P46MR, DALI-2, secondary - BMS, 12-13 m, for flush mounting (SnapFit), white

353-651021

4 year warranty

This flat and discrete presence detector is a DALI-2 secondary and BMS detector that extends the detection range of a DALI master detector or can be part of a BMS system. The SnapFit mounting bracket ensures a quick and stable mounting in all types of suspended ceilings with or without removable tiles. If the detector is used as a secondary detector and connected to a DALI bus controlled by a DALI master detector, it will start communicating with this master detector without further commissioning. If it is connected to the DALI bus of 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

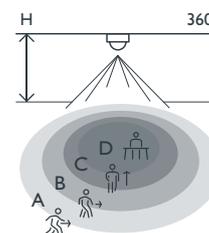
Compatible master detectors: 353-650321, 353-651321-1, 353-651421-1, 353-652321, 353-652421, 353-750321, 353-751321-1, 353-751421-1, 353-751421-2, 353-752321, 353-752421, 353-852411

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

- Flat and discrete design
- 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
- SnapFit mounting bracket for easy and stable mounting in all types of suspended ceilings with or without removable tiles
- Quick cabling using screwless and easily accessible plug-in terminals
- Screwless strain relief and screwless installation of cable cover
- 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
- Pre-configured functions:
 - adjustable PIR sensitivity (4 levels)
 - event log keeps track of recent changes
- Settings and configuration can be locked with a PIN-code



Detection range



| H | A Walking | B Across | C Towards | D Presence |
|-------|--------------|-------------|--------------|---------------|
| 2.5 m | ∅ 13 m | ∅ 11 m | ∅ 3 m | ∅ 5 m |
| 3.0 m | ∅ 12 m | ∅ 12 m | ∅ 3 m | ∅ 5 m |

Measured according to EN/IEC63180



DALI-2



secondary -
BMS



360°



∅ 12 m from
a height of
3 m



2 – 3.5 m



flush-
mounting
(SnapFit)

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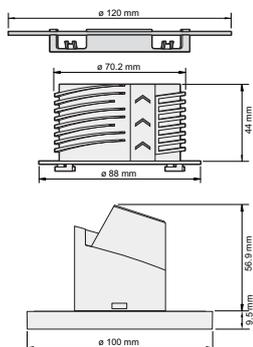
Technical data

| | |
|--|--|
| Article number | 353-651021 |
| Compatible master detectors | 353-650321, 353-651321-1, 353-651421-1, 353-652321, 353-652421, 353-750321, 353-751321-1, 353-751421-1, 353-751421-2, 353-752321, 353-752421, 353-852411 |
| Configuration | secondary - BMS |
| 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 MCB rating | 16 A (limited by national installation rules) |
| 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) | ∅ 12 m from a height of 3 m |
| Ambient temperature | -25 – +40 °C |
| Mounting method | flush-mounting (SnapFit) |
| Mounting height | 2 – 3.5 m |
| Drill diameter | 76 mm |
| Minimum flush-mounting depth | 56.9 mm |
| Colour | white (approximately RAL 9010) |
| Dimensions visible (HxWxD) | 100 x 100 x 9.5 mm |
| Dimensions (HxWxD) | 120 x 120 x 66.4 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 | IP20 |
| Impact resistance | IK02 |
| Modification of settings | Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication - BMS software |
| Halogen-free | yes |
| Marking | CE |

Accessories

| | |
|------------|--|
| 353-999869 | Lens cover for P4XMR and M4XMR detectors, transparent (5 pieces) |
| 353-990992 | Deco ring for flush-mounted P4XMR and M4XMR detectors, black |
| 353-991901 | Spring clips for flush-mounted P4XMR, P4XLR, M4XMR and M4XLR detectors (SnapFit) |

Dimensions



Wiring diagram

