Technical Specifications

Power supply	9 … 30VDC or 2x 1.5V AA batteries
Power consumption	typ. 0.195W
Power loss	max. 0.195W
Interface	Loxone Air: 868MHz (SRD Band Europe), 4 channels available max. Power 15.1mW e.r.p. 915MHz (ISM Band Region 2), 10 channels available max. Power 13.2mW
Ambient temperature	external power supply: -30 … 70°C / -22 … 158°F battery powered: -18 … 55°C / 0 … 130°F
Humidity	max. 95% r.H. (non condensing)
Motion detection	passive infrared sensor
Motion detection range	8m / 26.25ft (at 3m / 9.84ft height) 18m / 59.1ft (at 10m / 32.8ft height)
Recommended installation height	2.5 … 3.5m / 8.2 … 11.5ft
Installation height	max. 10m / 32.8ft
Detection angle horizontal	360°
Detection angle vertical	110°
Measuring range of brightness sensor	0 … 83000lx
Acoustic detection	60Hz … 20kHz mono, only when externally powered

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Need Help?

loxone.com/support

V210223

UK CA CE

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Presence Sensor Air

Part No.: 100420(White)
Part No.: 100421 (Anthracite)

About the product

The Loxone Presence Sensor is used to detect presence, motion and brightness for use in building automation and similar non safety critical applications.

Features
• Presence Detection
• Motion Detection
• Brightness Detection

Installation

Install the mounting ring on the desired installation place. Power up the device and pair it with your Miniserver in Loxone Config. To finish the installation attach the Loxone Presence Sensor on the mounting ring.

Additional information

Safety Protection	IP30
Dimensions	98x19mm / 3.86x0.75" (DxH) (without Fresnel Lens)
Maintenance & Cleaning	This device is free of maintenance and may only be cleaned with a dry cloth.

⚠ For additional information, declaration of conformity, visit www.loxone.com/help/presence-sensor-air

Connection

Wire cross-section	0.25 ... 0.8mm² / AWG23 ... 18
Stripping length	5mm / 0.2"
Temperature resistance	-40 ... 105°C / -40 ... 221°F

Installation

Screw length	plaster / insulation thickness + wall plug length + 2mm (mounting plate) + 3mm (screw diameter)
Screw type	countersunk, 3.0mm diameter or M3 thread
Number of screws	2 pieces

Information

Contains FCC ID: ARRV-000376
This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions:
1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause undesired operation