

Presence Sensor

User Manual

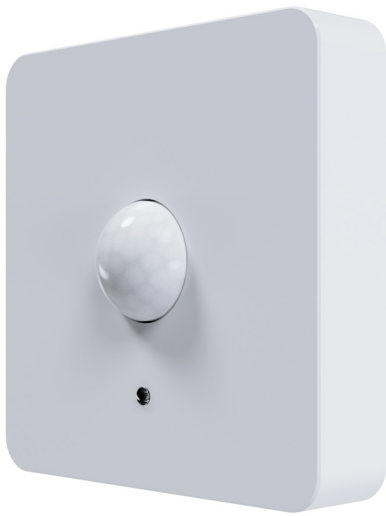


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1. Presence Sensor Features

Cascoda's KNX IoT Presence Sensor provides presence sensing.

It is battery powered.

Measures the following environmental variables:

- Presence (PIR)
- Luminance

Other features:

- Wireless Thread, sleepy end device, using Chili2S with Industry leading receive sensitivity
- Battery charge status indicator for any chemistry
- Configurable with ETS6.3 or later

Specification:

- Wall or panel mount options
- Dimensions 78 x 78 x 26 mm
- Battery powered (3 AA)
- 5-year battery life on Alkaline (LR6)
- 6-year battery life on Lithium (FR6)

1.1. Security



This KNX device support the latest KNX IoT standard. This extension of the KNX enables fully encrypted transmission of data telegrams, thus ensuring secure data- and access-proof communication between KNX devices within a single installation. The KNX-specific

Engineering Tool Software (ETS) secures both the runtime communication over IP as well as commissioning. This device certificate key, imprinted as a QR code for fast identification, allows the ETS to authenticate the device and perform the Secure commissioning.

2. General information

2.1. Document Version information

This manual is amended periodically and will be brought into line with new software releases. The change status (date) can be found in the contents header. If you have a device with a later software version, please check www.cascoda.com to find out whether a more up-to date version of the manual is available.

2.1.1. Used Terms

Sign	Description
DANGER!	Indicates an immediately hazardous situation which will lead to death or severe injuries if it is not avoided.
CAUTION!	Indicates a potentially hazardous situation which may lead to trivial or minor injuries if it is not avoided.
WARNING!	Indicates a situation which may lead to damage to property if it is not avoided.
NOTE!	Indicates a situation which may lead to possible (known) side effects.

Table 1: Used Terms

2.2. Safety instructions

CAUTION! Risk of explosion if an incorrect battery is installed. Use consumer grade, non-rechargeable alkaline, zinc-carbon or lithium batteries.

CAUTION! The product is only suitable for mounting at heights of less or equal than 2 meters.

2.3. Issues

Questions about the product?

You can reach the technical service of Cascoda under Tel. +44 (0)2380 638 111 or support@cascoda.com.

We need the following information to process your service request:

- Type of appliance (model name or item number)
- Description of the problem
- Serial number or software version
- Source of supply (dealer/installer who bought the device from Cascoda)

For questions about KNX functions:

- Version of the device application
- ETS version used for the project

2.4. Contact information

info@cascodea.com

Threefield House,

Threefield Lane,

Southampton,

SO14 3LP, UK

3. Replacing batteries

The batteries should be replaced with the same type as inserted at install time. When other types are used, then the *Battery Type* in **Settings** must be changed accordingly.

NOTE! When the batteries are replaced, please dispose of the used batteries in a responsible way.

The battery compartment is at the back side of the device. See image:



Fig 1: Battery Cover

After replacing the batteries, the device will automatically resume measuring the environment.