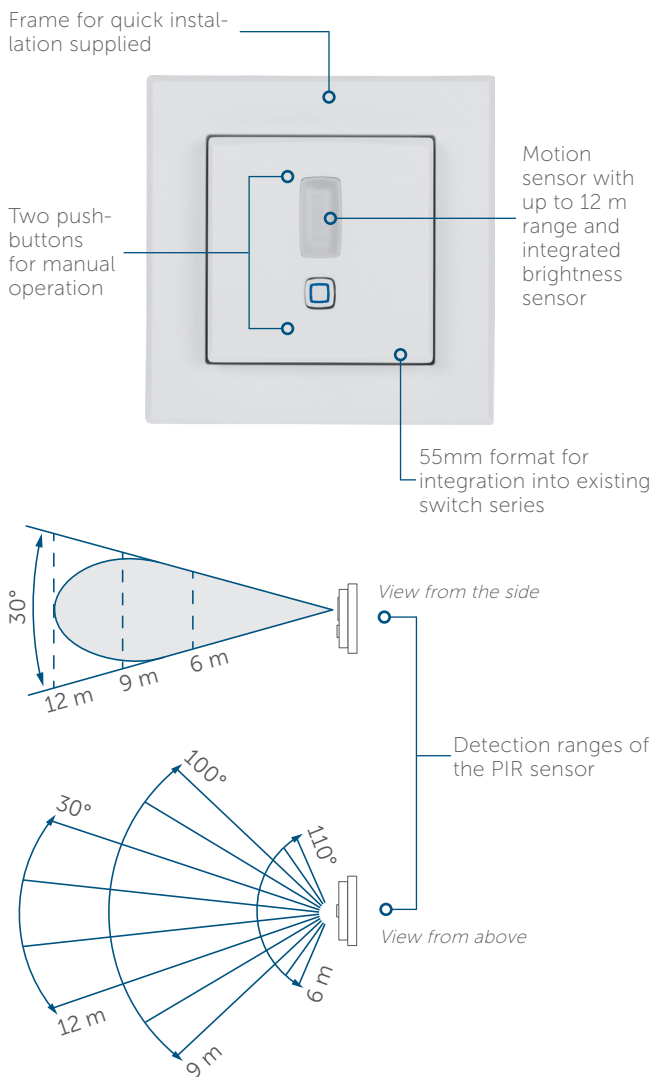# Motion Detector for 55mm frames – indoor

HmIP-SMI55-2 | HmIP-SMI55-A

The compact motion detector with high-performance PIR sensor and extra-long battery lifetime includes three functions in one device: The precise detection of the movements for automatic switching of lights offers secure monitoring of rooms. At the same time, the push-button offers manual control of Homematic IP devices and functions.

homematic IP

Smart living, simply comfortable

Frame for quick instal-
lation supplied

Two push-
buttons
for manual
operation

Motion
sensor with
up to 12 m
range and
integrated
brightness
sensor

55mm format for
integration into existing
switch series

30°

12 m   9 m   6 m

View from the side

Detection ranges of
the PIR sensor

100°

30°

110°

12 m

6 m

9 m

View from above

Operation requires connection to the
Homematic IP Access Point or control unit

INCREASED COMFORT AND SECURITY

Automatic light control when motion is detected.
Depending on the brightness in the room, the light is
switched on only when it is needed, for greater con-
venience and energy savings. As part of a Homemat-
ic IP security solution, the motion detector can not
only switch on the lights but also trigger an alarm.

ALL-IN-ONE: MOTION DETECTOR AND SWITCH

The integrated push-button offers manual control of
devices or system functions – independent of mo-
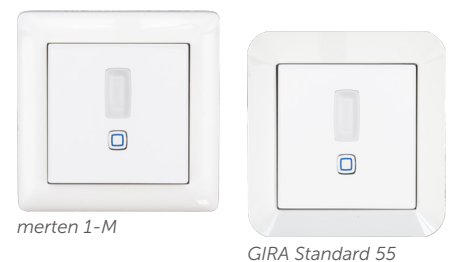tion detection.

EXTRA-LONG BATTERY LIFE

With two micro-batteries, a battery life of typically
4 years is achieved, offering low-maintenance work
for the device. When using the motion detector in
a Homematic IP security solution, a Homematic IP
Power Supply Unit for brand switches (HmIP-BPS-2)
is required for power supply.

MODULAR DESIGN FOR HIGH FLEXIBILITY

Thanks to its modular design, the motion detector
offers individual and flexible use:

✔ Adhesive or screw mounting in the supplied clip-
on frame with enclosed mounting material

✔ Installation on a free flush-mounted box with cor-
responding mounting plate

✔ Easy to integrate into existing switches with 55 mm
frames of the following manufacturers: e.g. Berk-
er, Busch-Jaeger, GIRA, Merten, JUNG, Kopp and
ELSO

Examples:

merten 1-M

GIRA Standard 55

TECHNICAL SPECIFICATIONS

Supply voltage	2x 1.5 V LR03/micro/AAA
Battery life	4 years (typ.)
Degree of protection	IP20
Ambient temperature	5 to 35 °C
Dimensions (W x H x D):	
Without frame	55 x 55 x 20 mm
Including frame	86 x 86 x 21.5 mm
Weight	90 g (including batteries)
Radio frequency band	868.0-868.6 MHz 869.4-869.65 MHz
Typ. open area RF range	150 m
Detection range	6 m
Detection angle horizontal	110°
Detection angle vertical	30°

LOGISTICAL DATA

Version	White	Anthracite
Product reference	156242A0	159903A0
EAN code	4047976562428	4047976599035
Short description	HmIP-SMI55-2	HmIP-SMI55-A
Packing unit	90	90
Packing dimensions	122 x 112 x 48 mm	122 x 112 x 48 mm
Weight incl. packaging	191,7 g	191,7 g

PACKAGE CONTENTS

Homematic IP Motion Detector for 55mm frames – indoor

Clip-on frame and mounting plate

Mounting material (screws, plugs and adhesive strips)

1.5 V LR03/micro/AAA batteries (2x)

User manual