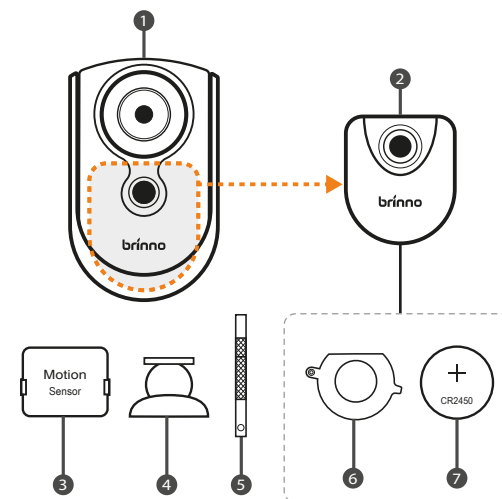# brinno
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Motion Sensor
MAS200 User Manual

www.brinno.com

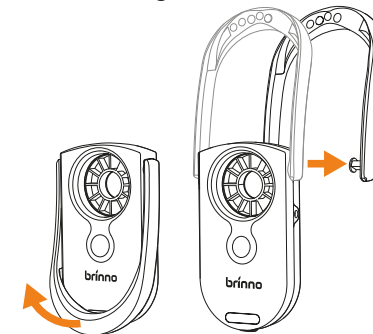## ① Package Contents

1. Door Knocker Casing
2. Motion Sensor Unit
   (Inside knocker casing)
3. Receiver Unit
4. Magnetic Wall Mount
5. Screwdriver
6. Battery Lock*
   (Inside motion sensor unit)
7. 1 CR2450 Battery
   (Inside motion sensor unit)

* Keep battery out of reach of children. Install battery lock to prevent children from swallowing battery.
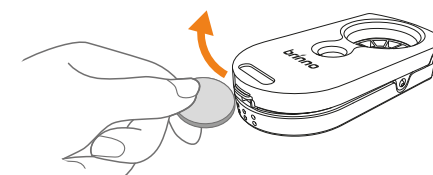
② Before You Start

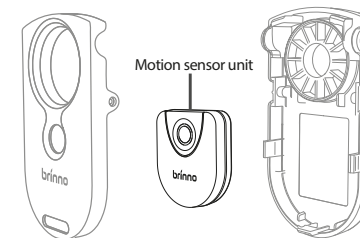Take motion sensor unit out of door knocker casing.

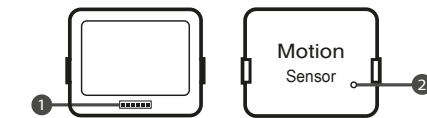1. Remove knocker ring.

2. Open the front cover.
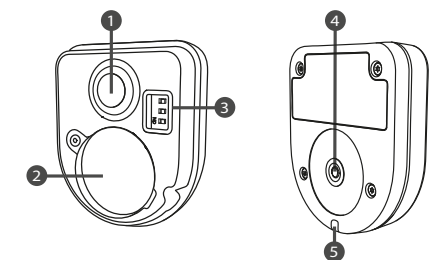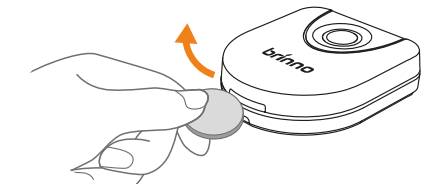
3. Take out motion sensor unit.

Motion sensor unit

③ Device Parts

Receiver Unit:

Motion Sensor

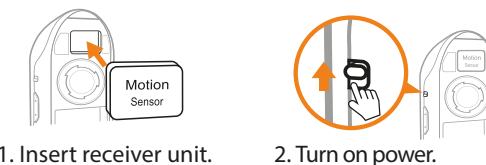1. Connector
2. LED Indicator

Motion Sensor Unit:

1. Motion Sensor Lens
2. Battery Compartment
3. Motion Sensor Pairing Channel Switch
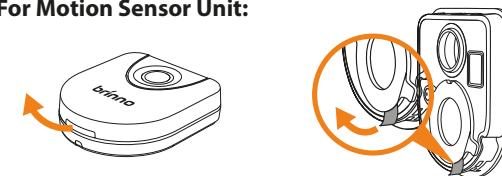4. Pairing Button
5. LED Indicator

④ Activate Motion Sensor

For Camera:

Motion Sensor

1. Insert receiver unit.
2. Turn on power.

For Motion Sensor Unit:

1. Open front cover.
2. Remove tab and engage battery to activate motion sensor.

3. Wait 30 secs for the sensor to be auto paired. Motion sensor icon will appear on the camera LCD once activated.
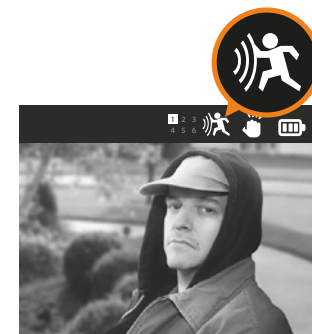
If you choose to set up a multiple motion sensors environment and purchase additional motion sensor units, please refer to Multiple Sensors Part below for full details.

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⑤ Display Icons

1. Connected sensors:
   The icon turns white to indicate the device is successfully connected to the sensor.
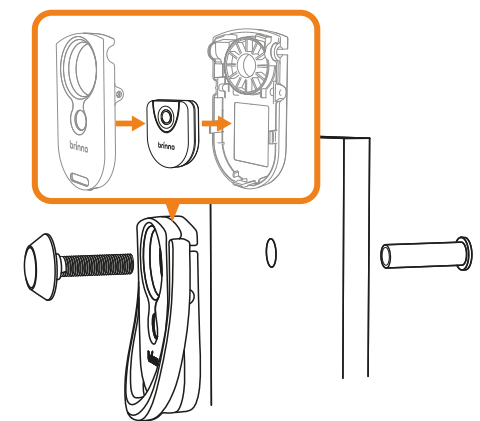
2. Sensor in low battery:
   The icon turns red to alert battery dropping low.
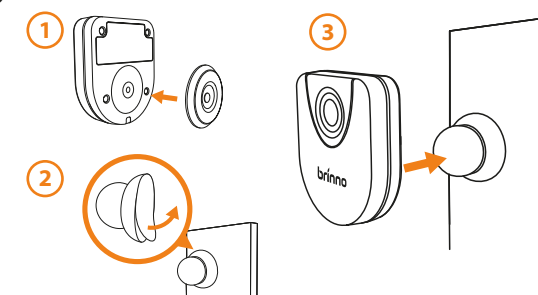
⑥ Sensor Installation

Door Knocker Mode:
Insert motion sensor unit into door knocker casing included in the package.
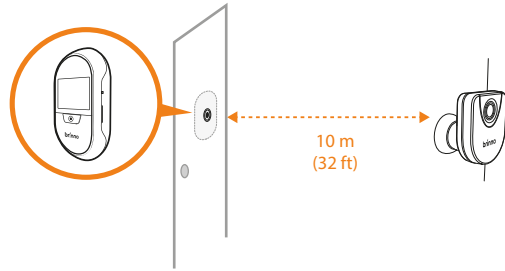
Portable Mode:
Hide motion sensor unit anywhere separately near your front door.
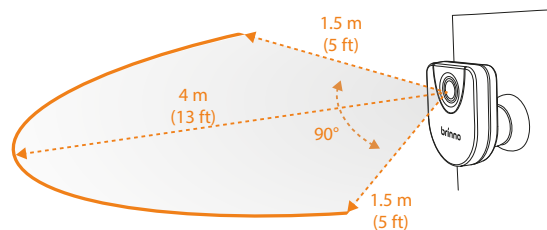
⑦ Transmission/Detection

Transmission Distance:
32 ft (10m) between motion sensor unit and receiver unit inside the camera. When you choose Portable Mode, make sure the two units are within the transmission distance.

10 m
(32 ft)

Sensor Detection Area:
Detection angle: **90 degrees** (Horizontal).
Detection distance: **13 ft (4 m)** (Centerline).
(Approx. **5 ft (1.5 m)** on both sides of the centerline).

1.5 m
(5 ft)

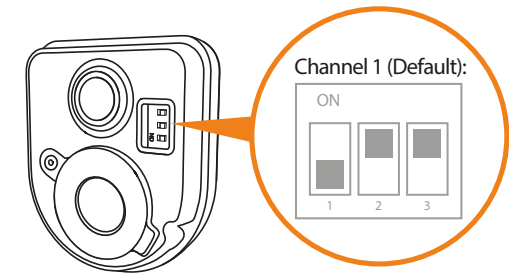4 m
(13 ft)

90°

1.5 m
(5 ft)

⑧ Specifications

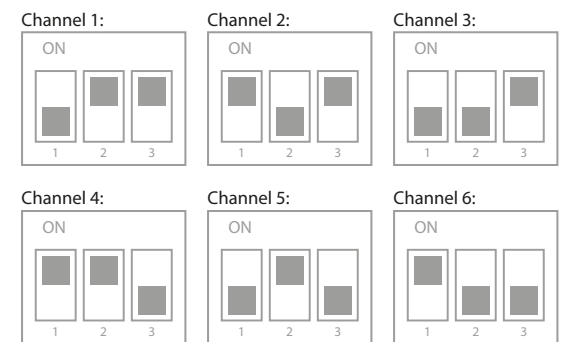|	
Model	MAS200
Detection Angle	90° (Horizontal)
Detection Distance	Centerline: 13 ft (4 m) Side: 5 ft (1.5 m)
Transmission Distance to Receiver	32 ft (10 m)
Power Source	1 CR2450 battery (included)
Battery Life	Approx. 28,000 triggers
Operating Temperature	32 ˚F ~ 113 ˚F (0˚C ~ 45˚C)
Splash-proof	IPX4
Compatible Model	SHC1000, SHC1000W
Size (WxHxD)	Door Knocker Casing: 2.4" x 4" x 1.1" (60 x 100 x 28 mm) Motion Sensor Unit: 1.7" x 2" x 0.5" (44 x 52 x 14 mm) Receiver Unit: 1.5" x 1.1" x 0.2" (37 x 29 x 6 mm)
Weight	Door Knocker Casing: 1.3 oz (36 g) Motion Sensor Unit: 0.7 oz (21 g) (without batteries) Receiver Unit: 0.2 oz (5.5 g)
Package Contents	Door knocker casing, Motion sensor unit (inside knocker casing), Receiver unit, Magnetic wall mount, Battery lock, Screwdriver, 1 CR2450 battery.

Multiple Sensors

Pairing Channels

One camera supports up to 6 motion sensors. You make different channel combinations to identify each unique motion sensor.
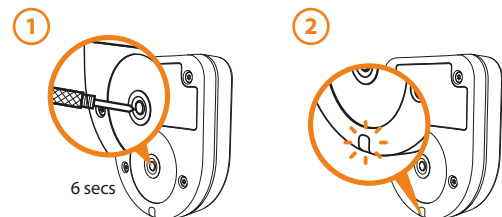
Motion Sensor Pairing Channel Switch:

Channel 1 (Default):
ON

Pairing Channel Combination:

Channel 1:   Channel 2:   Channel 3:
ON   ON   ON

Channel 4:   Channel 5:   Channel 6:
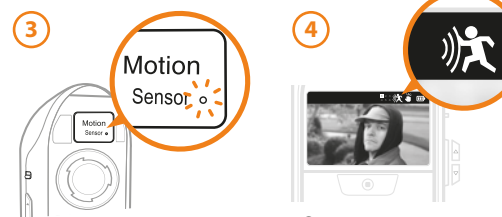ON   ON   ON

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1. Insert receiver unit into camera.
2. Turn the camera power on.
3. Pair sensors.

① 6 secs

Pin the pairing button for 6 secs. **(Place the motion sensor within 12 in (30cm)).**

② On motion sensor, LED light flashes blue.

③ Motion Sensor
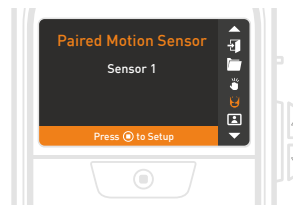
On receiver unit, LED light flashes red.

④ On camera screen, motion sensor icon appears.

⚠ **1. Motion Sensor takes around 30 secs to warm up after sensor pairing is done.**
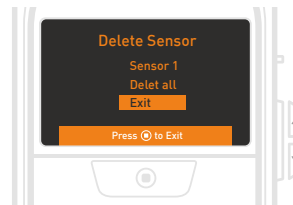**2. Run motion sensor test and make sure the camera is working properly.**

Delete Sensor

1. The screen displays all paired sensors.

Press **SHUTTER BUTTON** to go to the **DELETE SENSOR** option.

Paired Motion Sensor
Sensor 1
Press ⊛ to Setup

2. Select one sensor or all sensors to be deleted from the list.

Press **SHUTTER BUTTON** to confirm deletion.

Delete Sensor
Sensor 1
Delet all
Exit
Press ⊛ to Exit

3. Press **SHUTTER BUTTON** again to delete.

CONFIRM: Delete
Sensor 1?
Yes
No
Press ⊛ to Confirm

4. Restart the camera. The selected sensor will be permanently deleted.

Register @nline

www.brinno.com/support/registration

For manuals in other languages, visit
www.brinno.com/support

The product features, specifications sheets and instructions may differ from actual products. Please refer to Brinno official site for the latest version of user manual.