security & best
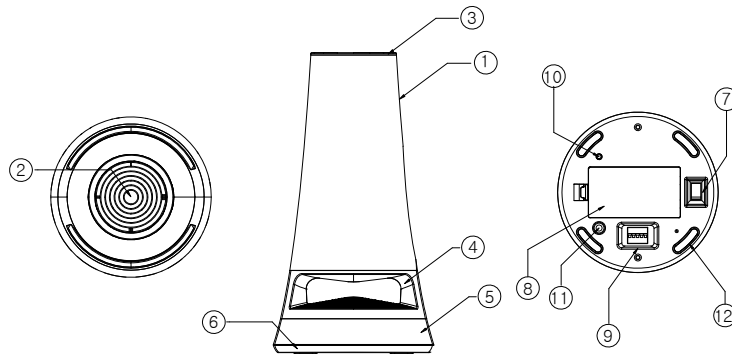
Passive Infrared Detector
SB-5HNW

Caution : It is not possible to repair for free that failure's cause belongs to followings; not used by the instructions, careless use, fire/flood damage /thunderbolt/robbery, wrong repair or remodeling, unusual power supply, externally damage.
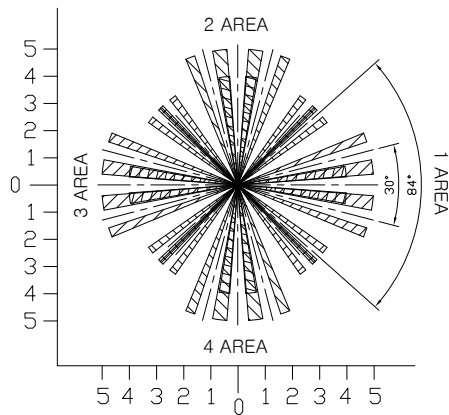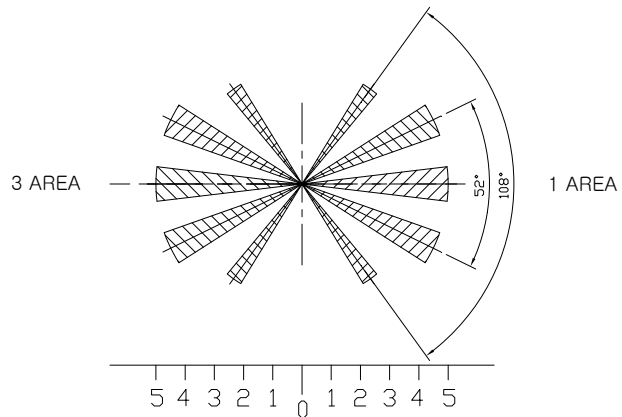
1. Description & Coverage and Range

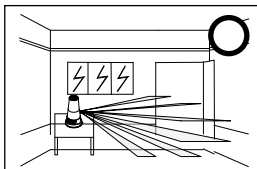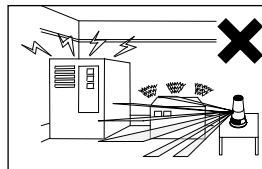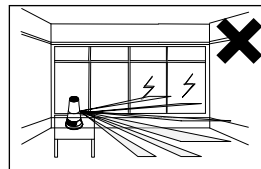| No.	Description
1	Main Body Cover
2	Top Cover
3	LED Cover
4	Decoration
5	Base
6	Bottom
7	Power S/W
8	Battery Cover
9	Sensor Area S/W & Sensitivity S/W
10	Tamper S/W
11	Registration S/W
12	Foot

2. Protection range

Top view

Side view
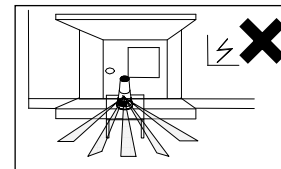

3. Cautions on Installation

Locate this sensor where intrusion can be made well.

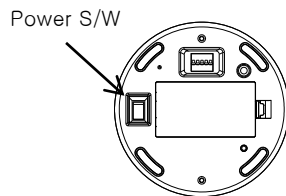Please avoid to install where electric noise or heavy vibration can happen.

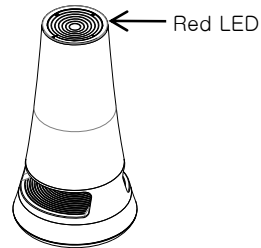Install where direct or reflected light doesn't affect sensor or sensor zone area.

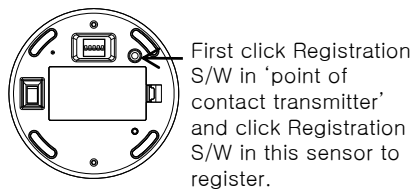Do not install this sensor outside but inside only.

4. Installation

1) Turn Power S/W on.

Power S/W

2) Power is on, Red LED is flickering and warming up proceeds for 60sec.

Red LED

3) When warming up completes, click Registration S/W and register this sensor with wallpad.

First click Registration S/W in 'point of contact transmitter' and click Registration S/W in this sensor to register.

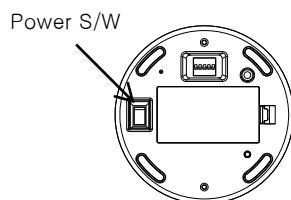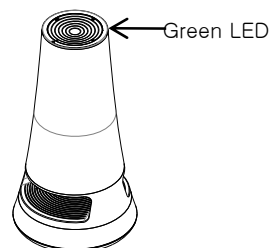4) Set up with DIP S/W.

DIP S/W

5) Restart this sensor.
< Caution>
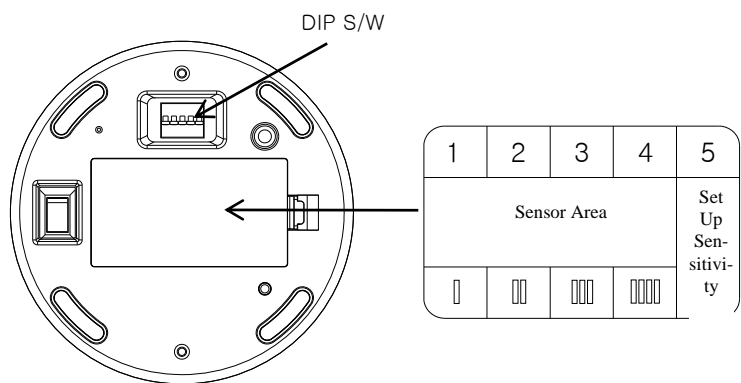 − Restart takes 3 sec.

Power S/W

6) When power is on, Green LED is flickering and warming up proceeds for 60sec.
 − In case of when registration completes and wallpad and communication are made normally.

Green LED

In addition to sending an alarm for the transient, the device sends and receives a signal once only to synchronize.

5. Function

DIP S/W

1	2	3	4	5
Sensor Area				Set Up Sensitivity
Ⅰ	ⅠⅠ	ⅠⅠⅠ	ⅠⅠⅠⅠ	

1) DIP S/W Set up

Item	DIP S/W	Set up		Remark
Sensor Area	1	ON	1 AREA Alert	Default
		OFF	1 AREA Clear	
	2	ON	2 AREA Alert	Default
		OFF	2 AREA Clear	
	3	ON	3 AREA Alert	Default
		OFF	3 AREA Clear	
	4	ON	4 AREA Alert	Default
		OFF	4 AREA Clear	
Set up sensitivity	5	ON	Slow Sensor	
		OFF	Fast Sensor	Default

2) Tumble Check function

Tamper S/W

Alarm when sensor tumbles or falls off

3) When power is on and battery has low power, boozer inside keeps beeping repeatedly.
4) In addition to sending an alarm for the transient, the device sends and receives a signal once only to synchronize

6. Troubleshooting

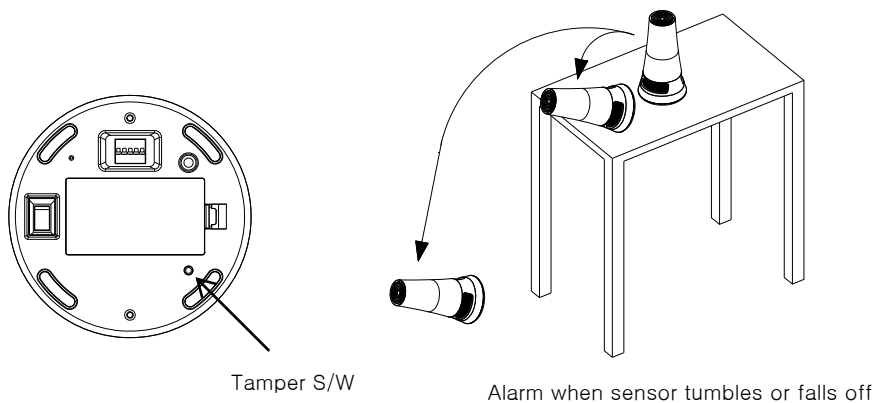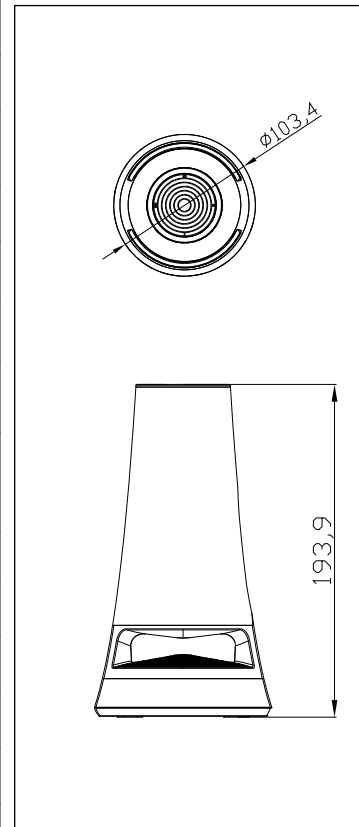| Problem	Cause	Measure
Power is on, warming up (LED is not flickering).	DC 3V Alkaline Battery power is out.	DC 3V Alkaline Battery power is in.
This doesn't sensor Human body.	Problem with point of contact-transmitter circuit in wall-pad	Consult A/S
	Delay times(2mins) extends since first sensing or inside circuit problem	Consult A/S
This malfunctions or doesn't sense anything.	Cover is dirty	Clean with smooth cloth.
	Direct light touches sensor	Adjust location and block direct light.
	Sensor doesn't sense normally.	Adjust sense range/zone.

7. Specification & Dimension

Model No.	SB-5HNW
Method	Passive Infrared motion detecting
Sense range/zone	Solid Alert Type Detect Range: 5m / 360˚
Zone dimension	12pair (24 Zone) x 4 (96 Zone)
Power supply	DC3V (Alkaline-Battery 1.5V_AA x 2EA)
Consume current	Less than 60μA (less than 30mA when alarming)
LED — Green	When warming up, sensor is flickering for 60sec. (in case of sensor is registered into wall-pad)
LED — Red	When warming up, sensor is flickering for 60sec. (in case of sensor is not registered into wall-pad) When sensing, light is on(about 2sec.)
Temperature	−20℃ ~ +60℃
Install place	indoor
Material	Cover, Base: ABS, Lens: PE
Dimension	Φ103.4 x 193.9mm
Weight	300g
Function	360˚ sensing, set up 4 sense Area, set up sensitivity

Φ103.4

193.9

※ NOTE : specification is able to be changed without notice to improve function.

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

Radio Post Company LTD

FCC Compliance Statement.

> **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, and**
> **(2) This device must accept any interference received, including interference**
> **that may cause undesired operation.**

Do Not.

Any changes or modifications to the equipment not expressly approved by the party
responsible for compliance could void user's authority to operate the equipment.