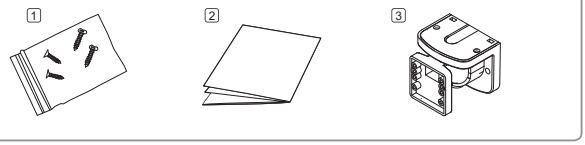
Installation Manual

Model : PIR(PRO)-1200

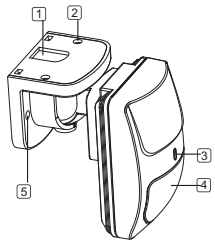
A



A. What's Included

1. 3X10 fat head screw (x2)
   4X16 screw (x2)
2. User Manual
3. Bracket

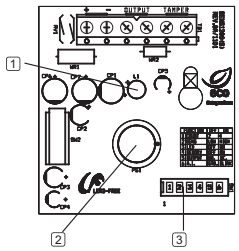
B



B. Product At a Glance

1. Wiring Hole
2. Ceiling-mount Hole
3. Alarm Indicator
4. Lens
5. Wall-mount Hole

C

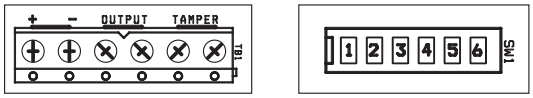


C. PCB Structure

1. Alarm Indicator
2. Sensor
3. Jumpers

1 2 3 6 4 5

D



D. Checking the functions

Settings in the terminal box

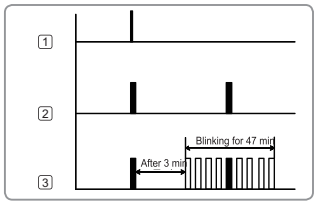
Use	1	COUNT	2	SENS	3	LED	4	MEMORY	5	OUTPUT	6	A.I.
Upper(ON)		4		HIGH		ON		ON		NC.		BLINK
Lower(OFF)		2		LOW		OFF		OFF		NO.		STD.

■ A.I. : Alarm Indicator

Detector Memory & A.I. (Alarm Indicator)

◆ If Memory is set to ON

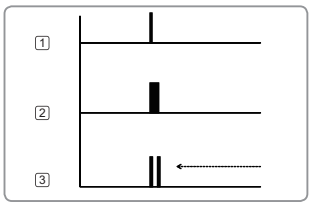
1. Sense
2. Alarm output
3. LED



◆ If A.I. is set to ON

1. Sense
2. Inactivated
3. Activated

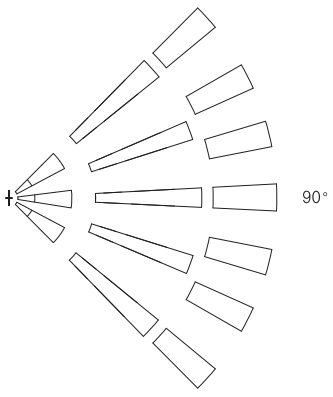
What is the display of A.I.?
The indicator blinks twice if detecting that the A.I. switch is turned on.



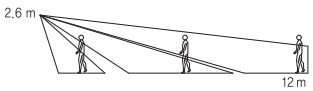
◆ Counter and sensitivity settings

Judgement	Counter setting (priority)	
	2	4
Check the movement of intruder	Long, narrow and obstacle-intensive place (hallway, jeweler's shop)	Spacious place with no obstruction
	Sensitivity: High recommended	Sensitivity: High recommended
False alarm factors	Place with less risk of false alarm	Place that is expected to be exposed to wind, sunlight, bugs, or heat source
	Sensitivity: High recommended (However, Low for an unfavorable place)	Sensitivity: Low recommended (However, High for an important place)
Temperature Stability	Users in stable temperature conditions	Users in unstable temperature conditions
	Sensitivity: High recommended (However, Low for an unfavorable place)	Sensitivity: Low recommended (However, High for an important place)

E. Checking the scanning range



Top view & angle



Side view & angle

Installation Manual

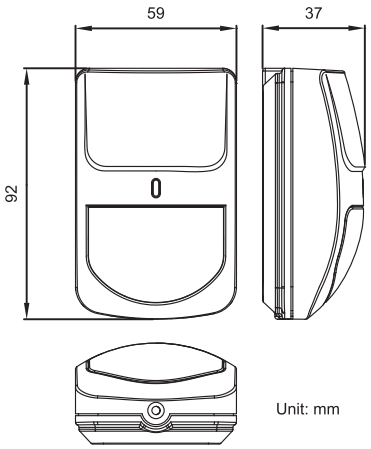
Model : PIR(PRO)-1200

Specifcations & Appearance

Specifcations

Item	Description	
Model	PIR(PRO)-1200	
Type	WALL	
Voltage/ Current Consumption	DC 10~18V / 14mA	
Scanning Distance	90˚ x 12m	
ZONE	DUAL (15 zones)	QUAD (30 zones)
Height (installation)	1.8 ~ 3m	
Sensing Rate	0.2ms(min) ~ 1.5ms(max)	
Alarm output	N.C / N.O	
Pet immunity	-	Max. 20 Kg
Pulse Count	2 / 4	
Tamper Switch	N.C	
Adjust the PIR sensitivity	H / L	
LED Operation	Turn on and off the LED indicator in case of an alarm Blink for 47 minutes 3 minutes after the memory setting	
Temperature/Humidity	-10 ˚C ~ +50 ˚C / 95% max	
Dimension	59 X 92 X 37 mm	
Weight	109 g	
IP	IP 32	

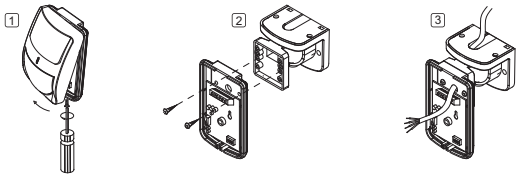
Appearance



Unit: mm

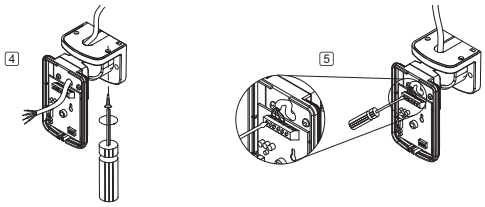
F. Installation

1 Loosen the screw to remove the cover.
2 Use the 3m fat head screw to fx the main unit with the bracket.
3 Arrange the cable through the hole.



To mount on the ceiling

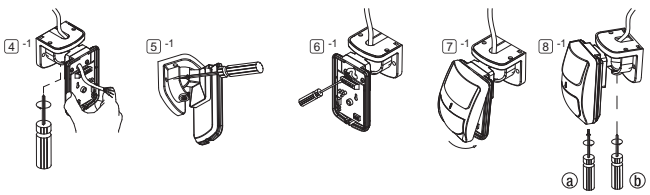
4 Use the 4mm x 16 screw to attach to the ceiling.
5 Connect the cable to the terminal box as appropriate.



To mount on the wall

4 -1 Loosen the screw and turn the front sensor to the right (left) to secure room for work.
5 -1 Use the 4mm x 16 screw to attach to the wall.
6 -1 Connect the cable to the terminal box as appropriate.
7 -1 Close the cover in the arrow direction.
8 -1 ⓐ : Tighten the screw to fx the cover with the base.
ⓑ : Adjust the sensor angle as appropriate and tighten the screw.

! ■ After the installation, do not move it forcibly.
Otherwise, the orientation of the product may not be fxed frmly.



6 Close the cover in the arrow direction.
7 ⓐ : Tighten the screw to fx the cover with the base.
ⓑ : Adjust the sensor angle as appropriate and tighten the screw.

