Installation

AR-888-PBI: Touchless Infrared Button - LED Ring (Standard: Green/Red ; By Order: Blue/Red)
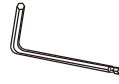
1 Product (US/EU)

2 Tools

Bottom Cover
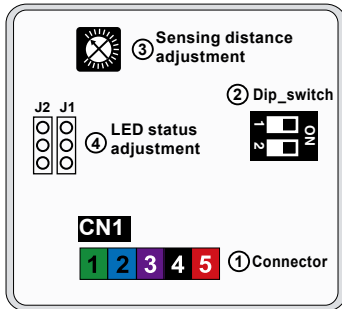
Flat Head Hex Socket Screw: M3x8

Allen key 2MM / 48*15MM
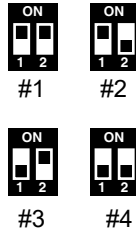
3 Easy Install Kit (By Order)

A.

MPLA-888XA18/19 (US / EU)

Connector Table / Dip_switch

③ Sensing distance adjustment

② Dip_switch

J2 J1

④ LED status adjustment

CN1

1 2 3 4 5 ① Connector

② Dip_switch Output Mode

| ON #1 | ON #2 |
| ON #3 | ON #4 |

※Default Value

	SW1	SW2	OUTPUT
※1	ON	ON	Pulse
2	ON	OFF	Delay 3 Sec.
3	OFF	ON	Latch
4	OFF	OFF	Delay 6 Sec.

③ Sensing distance adjustment

Turn around	Sensing distance
Clockwise	Sensing distance is greater
Counterclockwise	Sensing distance is smaller

Connector:

Function		Cable	Color	Description
Relay	COM	1	Green	DC24V / 1A
	N.O.	2	Blue	DC24V / 1A
	N.C.	3	Purple	DC24V / 1A
Power		4	Black	DC 0V
		5	Red	DC 9-24V

④ LED status adjustment

Standby mode | Motion

NC NO

J1(LED G)

J2(LED R)

(Example #2)
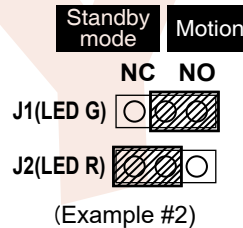
※Default Value

	Standby mode	Motion
1	LED G(Green)	LED R(RED)
※2	LED R(RED)	LED G(Green)
3	LED GR (Green/RED)	--
4	--	LED GR (Green/RED)

Wiring Diagrams

Electric Strike

Electric Bolt   or   Magnetic Lock

N.O.
COM
N.C.
V+
V-

POWER 9-24VDC

Controller

N.C.
COM 3
4
PB 5
6
V+ 7
GND 8

1 COM
2 N.O.
3 N.C.
4 V-
5 V+

Request To Exit
**AR-888-PBI**

POWER 9-24VDC

V+
GND
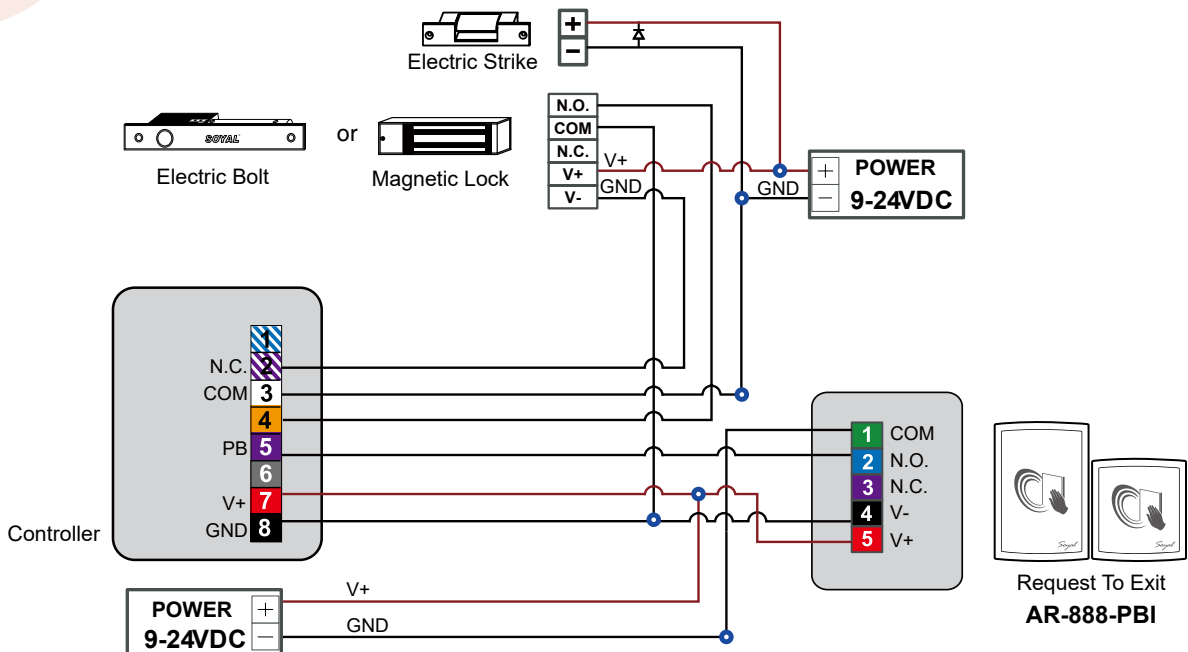
Installation

- Pull the cables from the square holes of the eva foam gasket and mounting plate.
- Use a screwdriver to screw the mounting plate **B** onto the wall with Flat Head Cap Philips Tapping Screws (Excluded, the Installer should prepare before installation.
- Connect the cables to the backside of body **C** and attach **C** to **B** at lower position of **B**. Push **C** up to make the cogging hooked completely.
- Use the Allen key and screws to assemble the body C onto the mounting plate **B**. Attach the Back Cover **D** to **C**.

C.

In-wall Depth 28mm ~35mm ❸

❹ ❺

D.

B.

❷ (Excluded)

❶

(Excluded) ❸

A. By order

Cable selection: Use AWG 22-24 Shielded Twist Pair to avoid star wiring.
Use CAT5 for TCP/IP connection.

Proportion 1:1
Unit: mm

81
15
24
Ø3.3
84
75
118
51
Ø3.3
20
23

86
10
16
51
66
52
88
13
13
Ø3.3
12
18
60
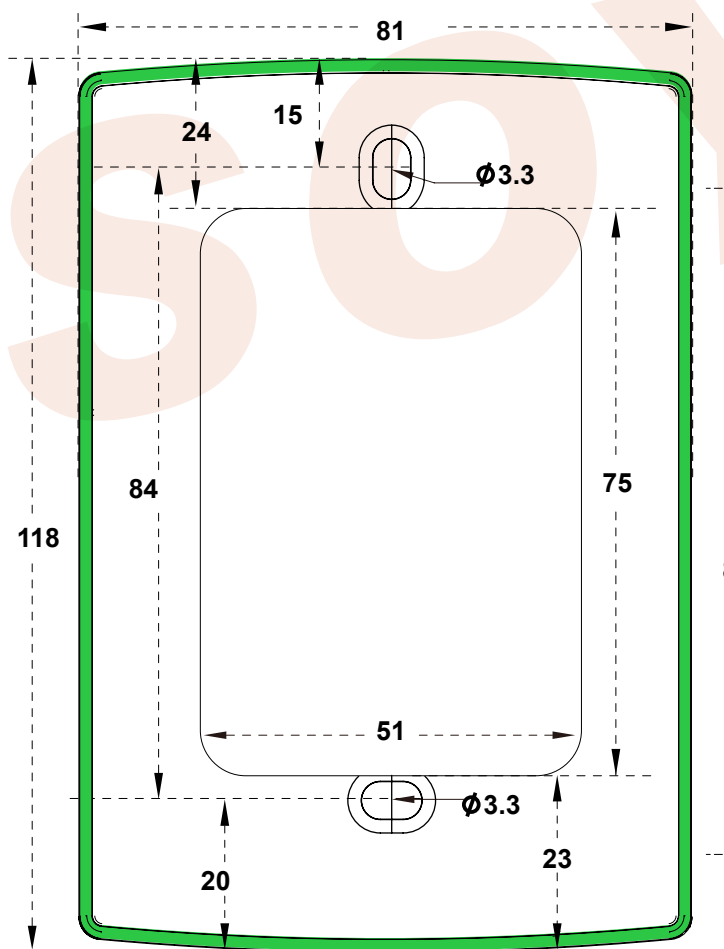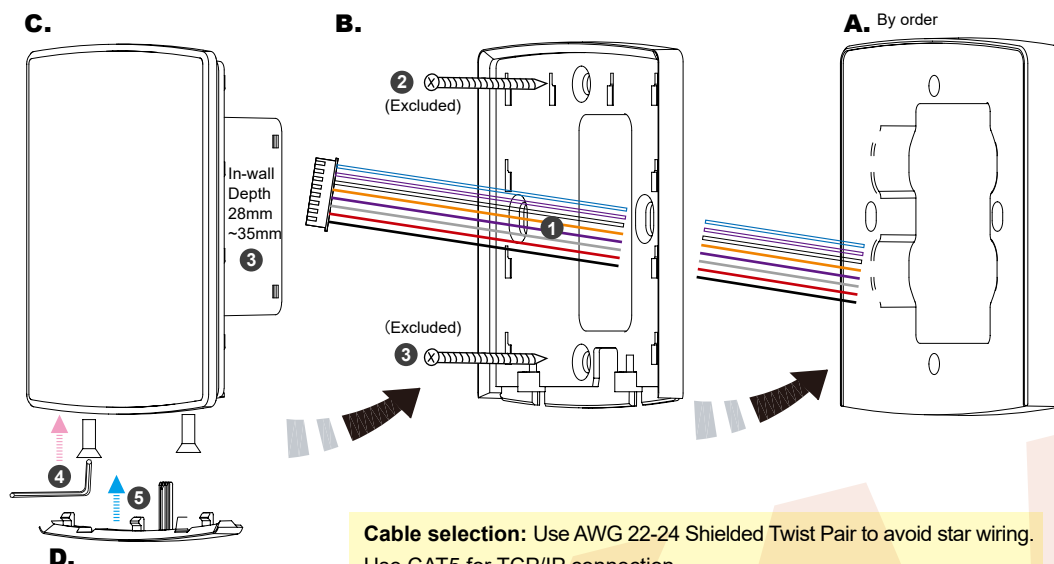
- US Mounting Hole: 73x48x40mm(HxWxD)
- Screw hole pitch : 84mm
- Suitable for 70X118 1-module flush-mounting box. (Australian, Italy, USA(501E) Standard)
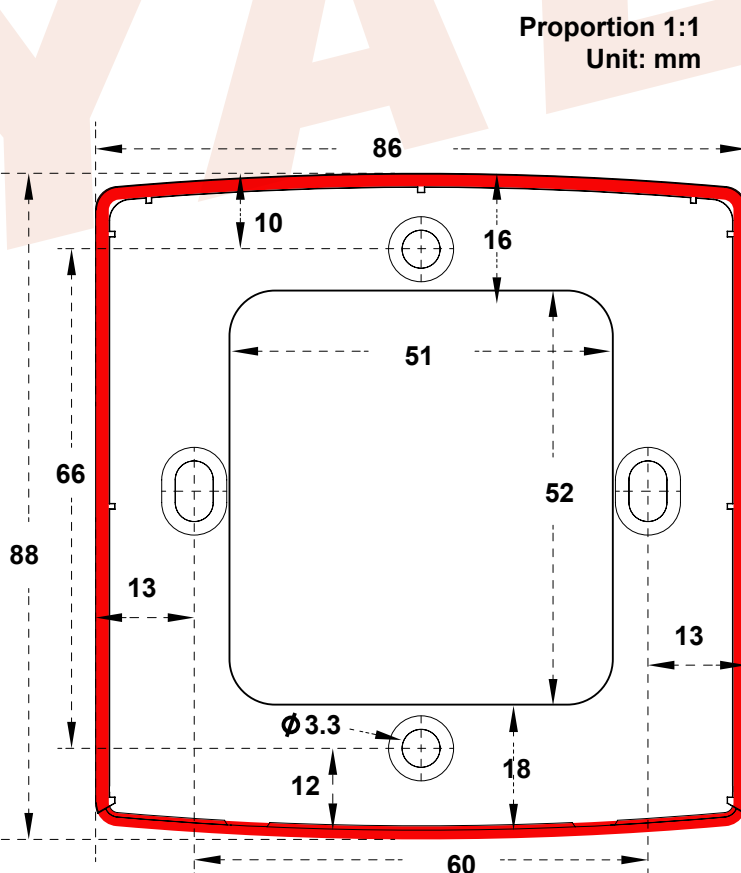
- EU Mounting Hole: 57x53x40mm(HxWxD)
- Screw hole pitch : 60mm
- Suitable for 86X86 flush-mounting box. (UK, Continental Europe, Germany Standard)