SafePass W30R 180° Adjustable Wireless PE BEAM

Installation： （Unit：mm）
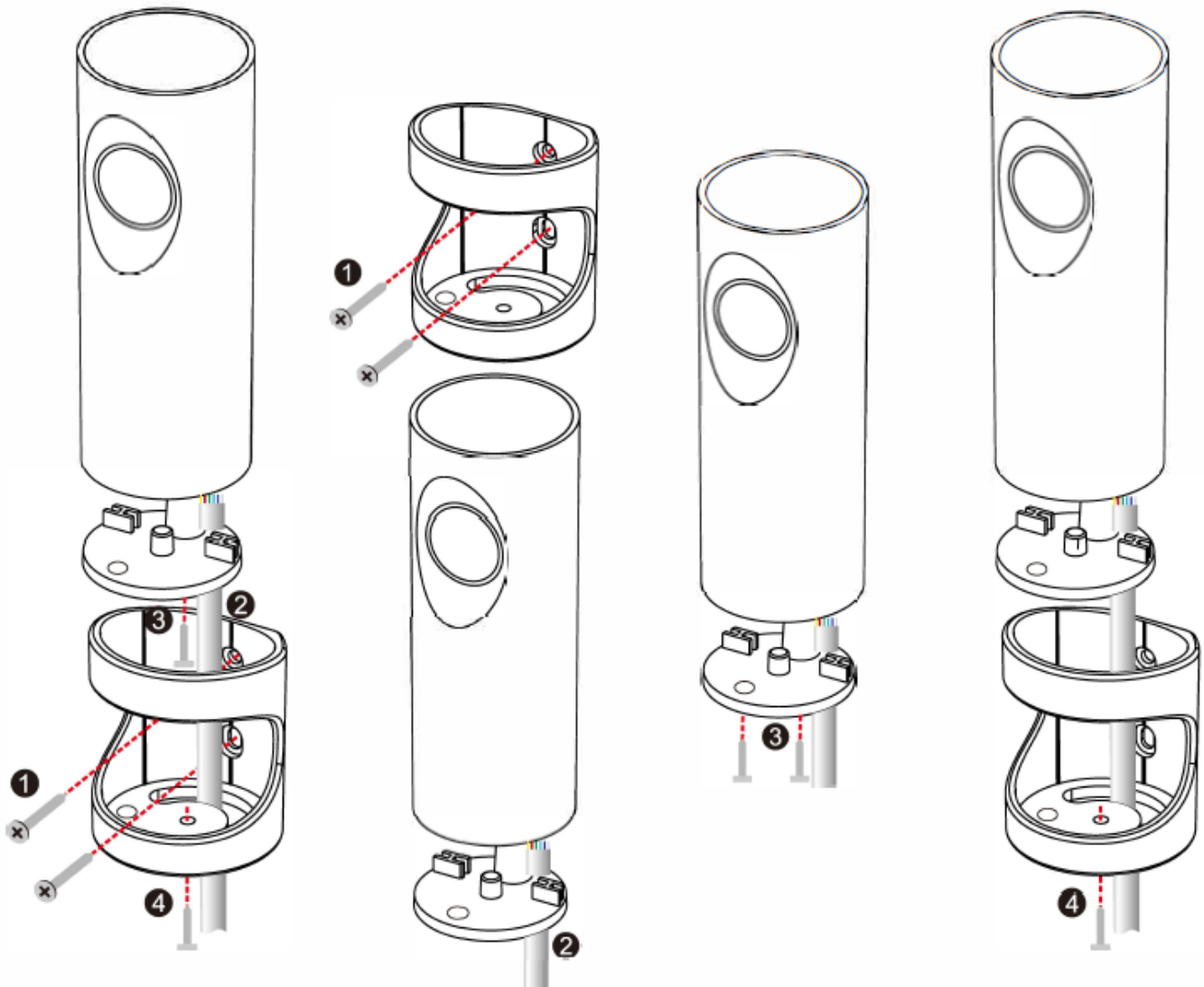
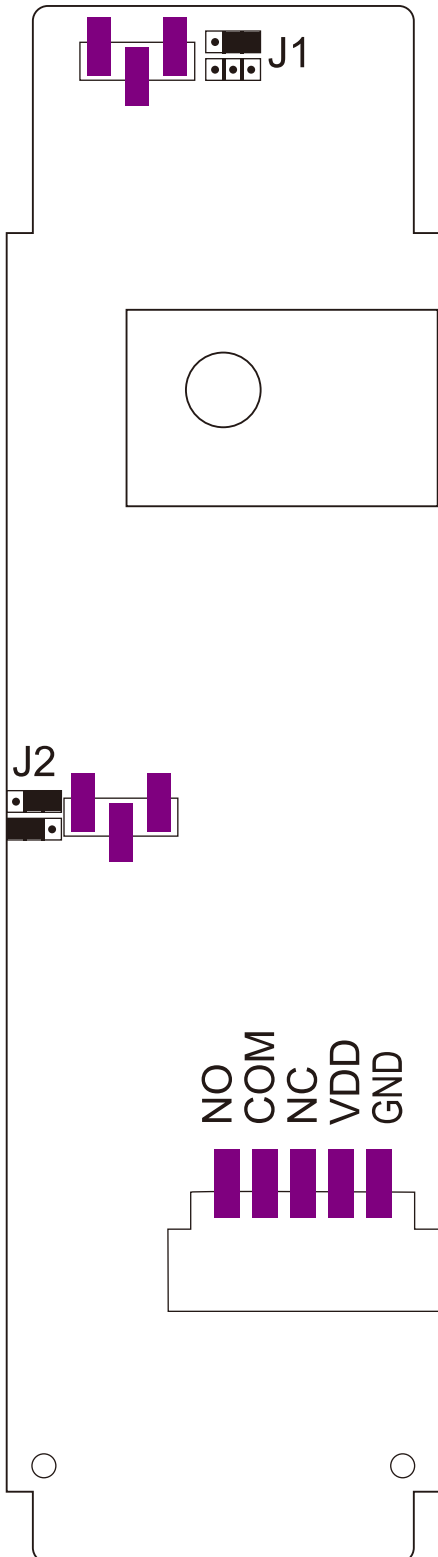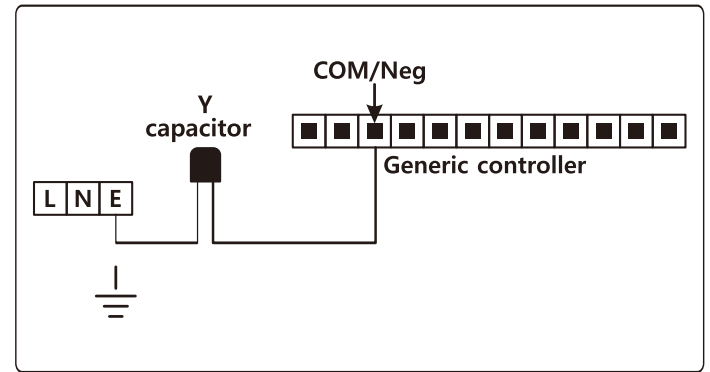1. Transmiter and Receiver fixed base horizontally aligned, fixed to wall with 3*25 screws；

2. The connecting wire passes through the infrared bottom cover；

3. Lock the infrared base cover with 3*8 screws；

4. Adjust the transmiter and receiver angle, then fix with the cover with screws 3*8.

Technology Parameter

Power Supply Transmitter	2 x AA Alkaline Batteries, Only replace with alkaline batteries; do not use rechargeable batteries with this product
Receiver	12 - 24V AC 12 - 30V DC
Rotation Angle	180 Degree
Receiver Power Consumption	30mA @ 12V DC
Transmitter Battery Life	Minimum 2 years
Battery Low Indication	Audible Beep
Specified Operating Distance	30m
Alignment	Automatic – 1m² @ 10m (circular area - assumes parallel surface)
Output Contact	Fail-safe, N/C and N/O, potential free contact
Output Contact	3A @ 30V DC Non-inductive
Operating Temperature	-20°C - +60°C
Operating Humidity	0 - 90° Non-condensing
Degree of Protection	Ip66
Housing Material	PC(UV)
Size	113*46.79*47.72mm

Size(mm)

LED	Function
Flashing	Not Transmit
Turn off	Receive a signal from Transmit

Connection Details

Receiver Jumper

Jumper	Point	Function
J1		Relay reverse output
		Relay normal output
J2		NPN output
		Relay output

Receiver connection

Connection	Colour	Function
NO	Green	Relay NO contact
COM	White	Relay COM contact
NC	Yellow	Relay NC contact
VDD	Red	Power supply input
GND	Black	Power supply input

Double sensor CLOSING control

Wireless Transmitter

NO
COM
NC
VDD
GND

Wireless Transmitter

NO
COM
NC
VDD
GND

S Sens1
S Sens2
M Sens1
M Sens2
Sens+
Sens-
Safe CLS
Safe OPN
Com
LCK/STP
TRG
PED
Com
FRX
LIT
LED
Com
Aux 12V
Safe COM
Sol
Light
Light
Batt +
Batt -
MTR M+
MTR M-
MTR S+
MTR S-
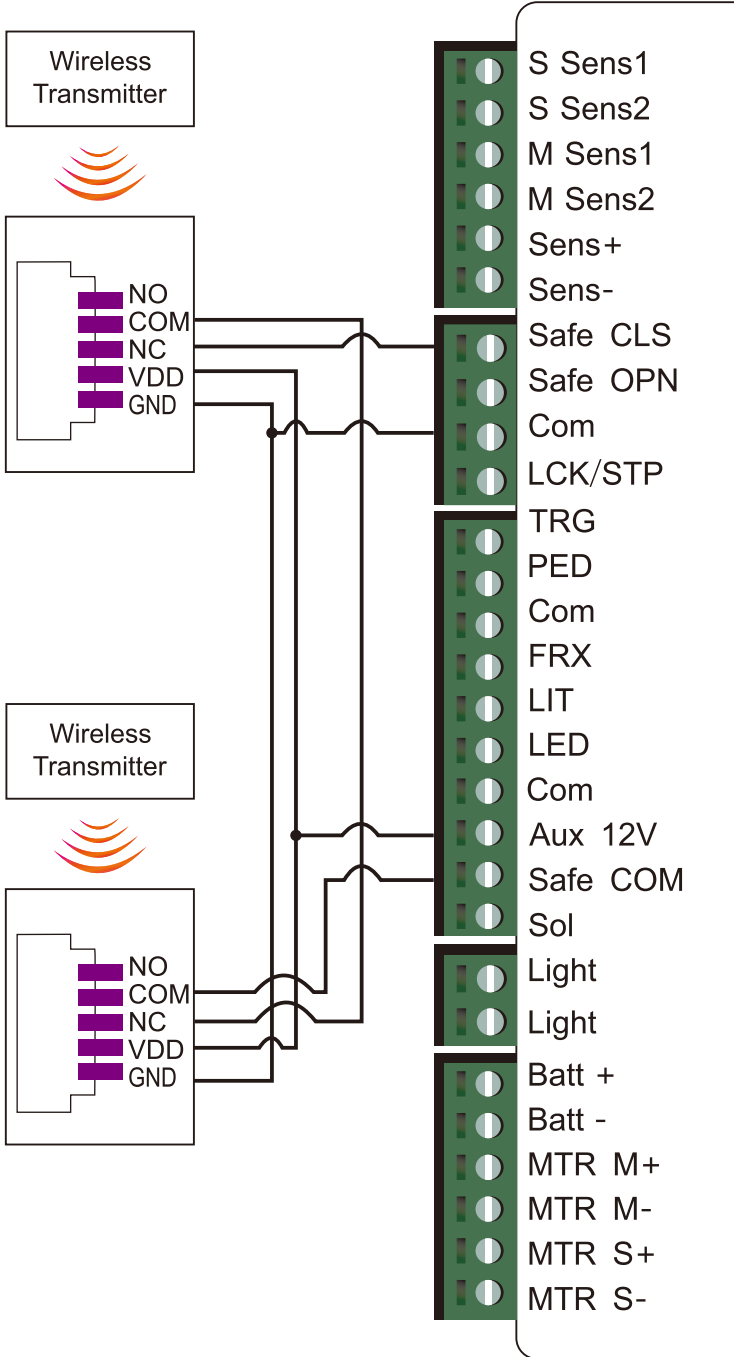
Appearance Figure

Infrared sensor OPENING control

Wireless Transmitter

NO
COM
NC
VDD
GND

Light
Light
Safe Common
Aux12V Out
Close
Open
Lck/Stp
Trg
Ped
Com
FRX
Aux
Status
Com
Aux10
Motor
Motor
-12V/24V
+12V/24V
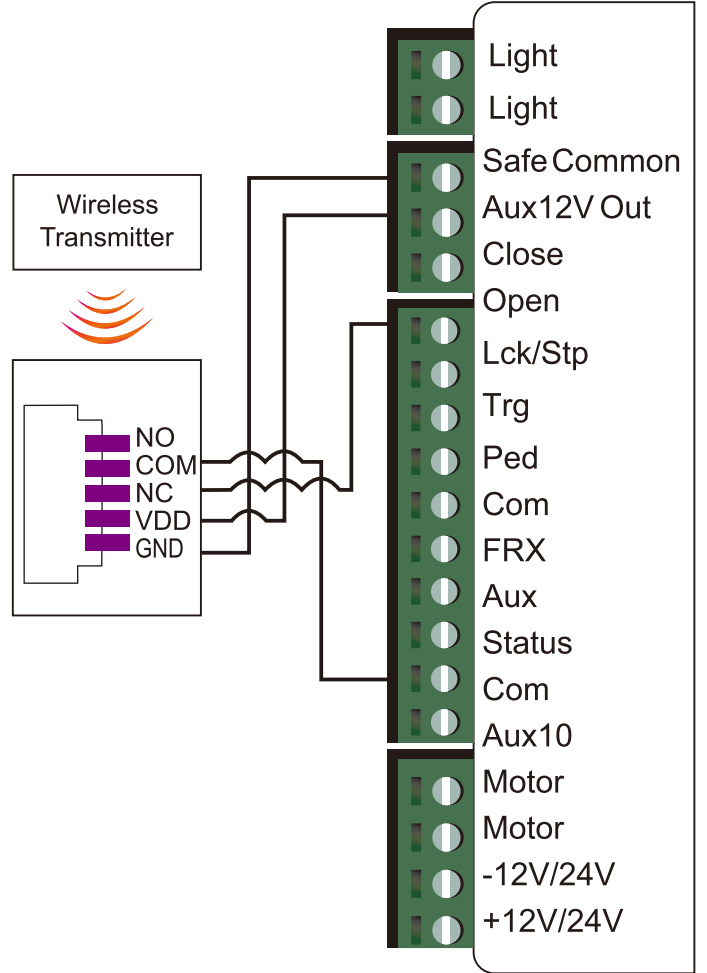
Infrared sensor CLOSING control

Wireless Transmitter

NO
COM
NC
VDD
GND

Light
Light
Safe Common
Aux12V Out
Close
Open
Lck/Stp
Trg
Ped
Com
FRX
Aux
Status
Com
Aux10
Motor
Motor
-12V/24V
+12V/24V