



Product Specification:

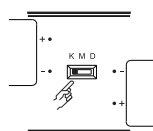
Model	Rated Voltage	Rated Output Current	Max. Load Power	Operating Temp	IP Rating	Dimming Range
IX-IRSEN-PB	12V DC	5A	12V 60W	-20℃≤Ta≤50℃	IP20	2%-100%
	24V DC		24V 120W			



Product Application:

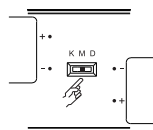
- IX-IRSEN-PB is a LED light controller with infrared induction detector, dimming function.

1. Infrared sensing function: the infrared sensor will react to the short distance contact of objects or hands. There are three modes to choose from, which are set by the dipswitch on the up case.



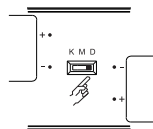
**Cabinet mode
(ON/OFF)**

1. When the sensor lens is blocked, LED load and LED power supply disconnected, light off;
2. When the sensor lens is not blocked, LED Load and LED power supply connected, light on



**Mirror mode
(ON/OFF)**

1. Wave hand over the detector the first time, LED load and LED power supply disconnected, light off;
2. Wave hand over the detector the second time, LED Load and LED power supply connected, light on
3. Switch on/off by each wave hand
4. Cut off, memory function kept.

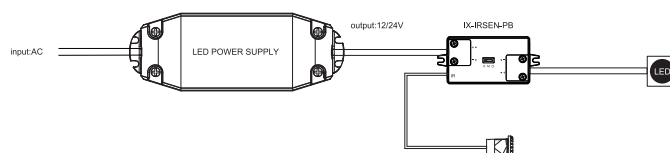


**Mirror mode
(ON/OFF+
Dimming)**

1. Wave hand over the sensor, ON/OFF. Every wave, ON/OFF shift.
2. Hold hand over the sensor, dimming function. Every stay, lighten and darken shift.
3. Cut off, memory function kept.



Wiring Diagram



Sensor Model:

Sensor	Dimension(mm)	Hole opening diameter(D)	Board/Mirror thickness(L)	Max.sensor distance	Options	Installation drawing
S102-1		φ 13mm	>1mm	5-10cm	Optional	Fig.1



Sensor Installation Dimension:

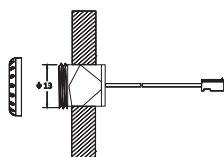


Fig.1

As shown in the Fig.1, drill a 14mm diameter hole for Fig.1 on the required place, install the infrared sensor on the left and connect the plug to the controller.



Installation Precautions:

Be sure to read and understand all instructions before installation. For best results have installed by a qualified technician.
Be sure to connect the light and IX-IRSEN-PB to the power supply first before connecting this product to outlet. Failure to connect to an outlet in this order may cause damage and will void manufacturer's warranty.
There are no user serviceable parts in the product. Opening the case may damage product and will void warranty.
Don't overload the product. Suitable for dry locations.
If the product is used for purposes other than originally intended or it's connected in a wrong way, no liability can be taken over for possible damages.
Please make sure that the product is connected correctly according to the wiring diagram. Cutting off the connection with the power grid during the installation.
Please keep the sensor probe clean so as to avoid misoperation of the controller.
Please make sure that different models of sensors are installed in the correct way, S102 is fixed on the drilling hole.
Please make sure that any object is far away from the detection area of the sensor, so as to avoid misoperation of the controller.



Installation Wire Instruction:

Input wire specification: metal terminal
Output wire specification: metal terminal and output connector



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