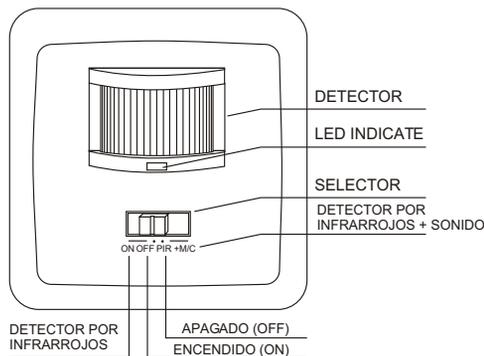


DSW™ Protect Security

INFRARED SENSOR

Sensor model DPS2000

General: DPS2000 is a new generation infrared sensor by our long-term market forecast and investigation. It has strong stability, it gathers multi-function, practical, good appearance, wide working voltage, convenient installation, detection indication, multi-working mode, etc. It is adopted SMT technique. It is accorded with European standard, it is suitable for automatic control for home, hotel and enterprise.



Specification:

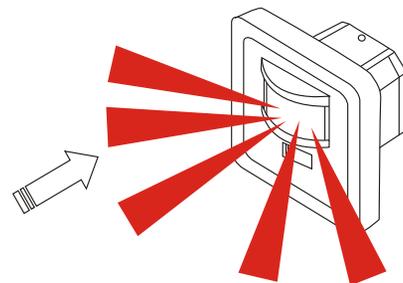
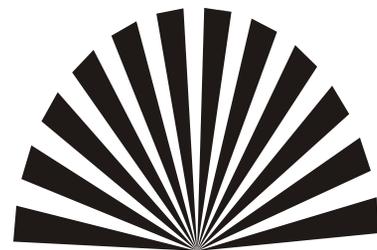
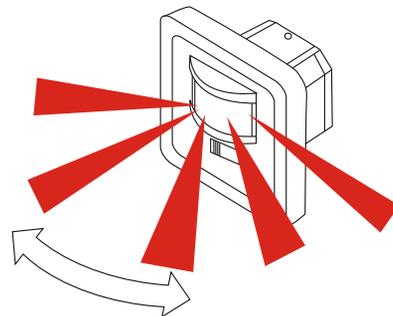
- Power source:** 90V/AC~240V/AC
- Power frequency:** 50~60 Hz
- Detection distance:** 12m max (<22°C) (adjustable)
- Detection range:** >140°
- Light-control:** 3LUX~1000lux (adjustable)
- Time-delay:** 5sec ~ 420sec(adjustable)
- Rated load:** 300W (110V/AC) ~ 500W (220V/AC~240V/AC)
- Installation height:** 0.4m~1.8m
- Power consumption:** 0.45W (static 0.1W)
- Detection motion speed:** 0.6~1.5m/s
- Sound control sensitivity:** 30db ~ 90db(adjustable)
- Working humidity:** <93%RH
- Working temperature:** -20~40°C

Function:

- **Multi-function:** It has ON, OFF, light-control, high sensitive sound control, long distance, wide range infrared detection functions;
- **Practicality:** It can work in various ambient-light day and night, it also can work only in low ambient-light by the light-control controls the sound-control, ambient-light when sensor works; Time-delay can be adjusted by yourselves in stipulated range; infrared detection, sound control sensitivity can be controlled by yourselves;
- **Good appearance:** The surface design is facility, comely but not losing generosity, the style is elegance, it

will not have accidented feeling after installed;

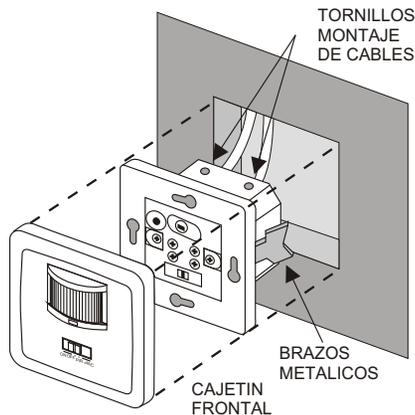
- **Wide working voltage:** 90V/AC~240V/AC 50~60Hz. You will not be worried in Europe if you carry DPS2000.
- **Convenient installation:** Two-installation mode for your selection. It can be installed in circular or quadrate junction box; you could fix the sensor with two screws on the junction box in circular one, also fix it with special installation shelf on sensor. In a word, whether the junction box installation orientation is true, DPS2000 makes your installation flatly;
- **Detection indication:** The indicator lamp shines one time when it detects each time. You can validate the prominent quality of DPS2000 at any time;
- **Multi-working mode:** You could select ON, OFF, infrared detection, infrared detection +sound control mode, if you select infrared detection + sound control mode, the lamp will be on automatically when you knock at the door or say “I am coming back” at night you come back home, it will make your home more warmer and romantic.



Correct moving orientation-----Incorrect moving orientation

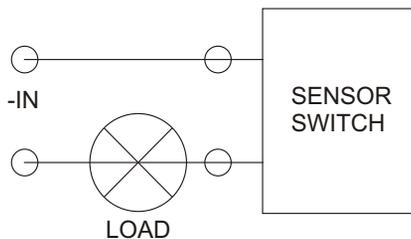
Installation:

- Shut off the power
- Loosen the connection column on the bottom of sensor, put the wire into connection hole, tighten the screws;
- Unlade the surface of sensor, put the sensor into connection box;
- If you want to install it in quadrate connection box, penetrate the setscrew into installation hole, block on radiator to aim at the installation hole on connection box, then tighten the screw; if you want to install it in circular one, you can use the same way as the quadrate, also adjust the sensor position, tighten the setscrew on surface, then the arm will open automatically, fasten the connection box
- Switch on the power then test it.



Test:

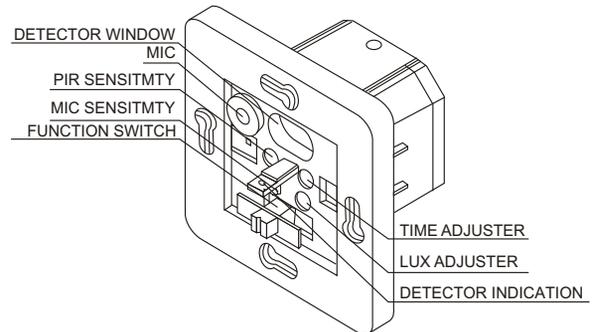
Set the function switch to "On", set "SENS" to maximum, "MIC" to maximum; "LUX" to maximum; "TIME" to minimum;



Switch on the power, the lamp should be on;
Set the function switch to "OFF" after 30 sec, the lamp should be off, all functions should be in "stop" state;
Set the function switch to "PIR" after 30sec, the inductor lamp will be on after 20sec when there is inductor signal whether the lamp is on, under no inductor signal condition, the lamp should be off in 5~10sec, the lamp should be on again in 5sec. Set "LUX" to minimum, after it is off when there is no inductor signal condition, the

lamp should be off in day time, but if you use a opaque object to cover sensor, the lamp should be on, then off in 5~10sec;

Set the function switch to "+MIC", "LUX" to maximum, then the sensor is in the infrared detection +sound control mode, cover the detector, if the lamp is on, under no inductor signal condition, the lamp should be off in 5~10sec, after 5sec if you clap your hands, the lamp should be on, then off in 5~10sec (no inductor signal).



Note:

- Electrician or experienced human can install it;
- The unrest objects can not be regarded the installation basis-face;
- There is not hinder or unrest objects effecting detection in front of the detection window;
- Avoid installing it near temperature alteration zones, for example, air condition, central heating etc;
- Do not open the case for your safety if you find the hitch after installation;
- If there is any difference between instruction and products, please give priority to product, sorry not to inform you again.

Warning:

Set the function switch to "On", set "SENS" to maximum, "MIC" to maximum; "LUX" to maximum; "TIME" to Any two-lined product could not be used at fluorescent lamp lonely. If you really want to connect into fluorescent lamp, the fluorescent lamp must be mixed with incandescent lamp (load must be parallel connection).

DO NOT PUT THE SENSOR INTO POWER DIRECTLY!!!

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