

# User Manual

(611 V3.1)

- ◆ **Product Application:** lifting doors, revolving doors, sliding doors, wall security protection, window and balcony security, warehouse security, parking lots and other outdoor security sites.

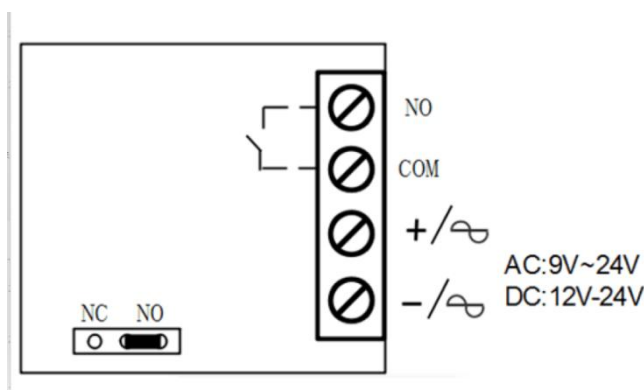
- ◆ **Product Specifications:**

Input Voltage	: AC: 9V~ 24V (AC Frequency: 50HZ/60HZ, I <sub>max</sub> =35mA)
	: DC: 12V~24V (I <sub>max</sub> =35mA)
Working current	: 1) <35mA@12VDC 2) <19mA@24VDC
Detect distance	: 1) ≤12m (with reflector type: XUZC80)
Reaction time	: about 30mS
Ambient light intensity	: Max.5000lux
Infrared lightspec.	: 1) Wave length: 740nm 2) Type of lighting: Visible Red light
Output Port Loading	: 1) AC 0.3A/120VAC 2) DC 0.8A/30VDC
LED indication	
Green LED	: 1) Power on/off 2) Led Flash: it indicates the signal is weak.
Yellow LED	: Working status Signal (On/Off: the working signal is invalid/valid.)
Working temperature	: -25°C ~ +70°C
Storage temperature	: -35°C ~ +80°C
Product Size(LxWxH)	: 100 x 40 x 35mm
Lens size:	D82 x H8.3mm
Product weight	: about 60g

- ◆ **Product Installation& Note**

- 1) Please install and test the product within Max. detect range.
- 2) Install the reflector in a suitable position and the reflector should face the sensor.
- 3) Adjust the position of sensor according to the reflector, and point the sensor to the center of the reflector. [In the initial installation and debugging, fixed the sensor firstly, the reflector is aligned with the sensor, and then move the reflector from near to far to the desired position.].
- 4) Do not power up the sensor until all electrical wiring of the sensor is complete.

- ◆ **Product Electrical Interface**



**【warning】 : In the following cases, the product will have a risk of failure, and users should try to avoid it when using and installing! ! !**

- ❖ The product is at risk of failure when detecting highly reflective (>90%) objects such as mirror surfaces, smooth floor tiles, and calm milk levels.
- ❖ When the product transmitting and receiving window is covered with dirt, there is a risk of failure, please keep the window clean.
- ❖ In severe weather such as storms, dense fog and haze, there is a risk of failure.
- ❖ The working temperature of the product is  $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ , please do not use it outside this temperature range to avoid risks.
- ❖ The storage temperature of the product is  $-20^{\circ}\text{C} \sim 75^{\circ}\text{C}$ , please do not store it outside this temperature range to avoid risks.