

# Reflective photocell Infrared Sensor

## User Manual

(611 V3.0)

- ◆ **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) ≥15m (with reflector type: XUZC80) 2) ≥10m (with reflector type: TD-05)
Blind zone	: ≤0.45m
Reaction time	: about 30mS
Ambient light intensity	: Max.5000lux
Infrared light spec.	: 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.
- 5) When debugging and installation, please pay attention to avoid the blind zone of the product [unable to sense obstacles in the blind zone]

### ◆ Product Electrical Interface

