

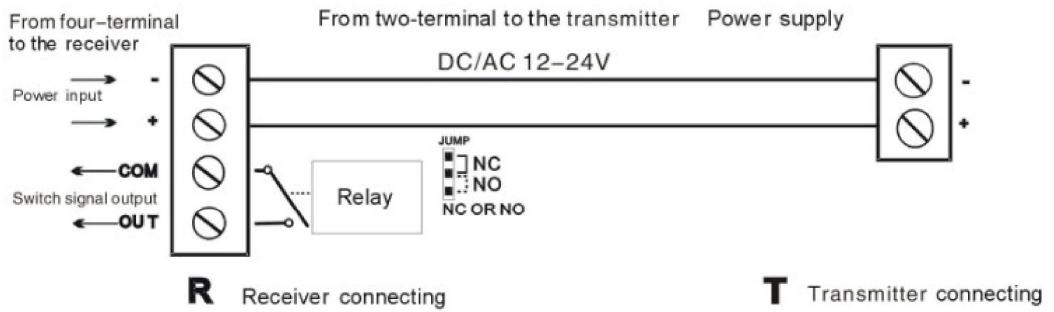
ACTIVE INFRARED SENSOR

Usage manual Model:oval type

TECHNICAL SPECIFICATIONS

Technology	:Active infrared beam
Receiving range	:≤15m (Receiving range may reduce by 30% in bad weather conditions such as rain, more dust etc.)
Frequency	:1.92KHz
Input power	:DC/AC 12-24V
Wave length	:940nm
Input current	:R—15mA;T—30mA
Operating temperature	:-25°C to +55°C
Relay output	:1A max 36V
Dimensions	:49.2 x 75.3 x 29.6mm

CONNECTING THE SENSOR



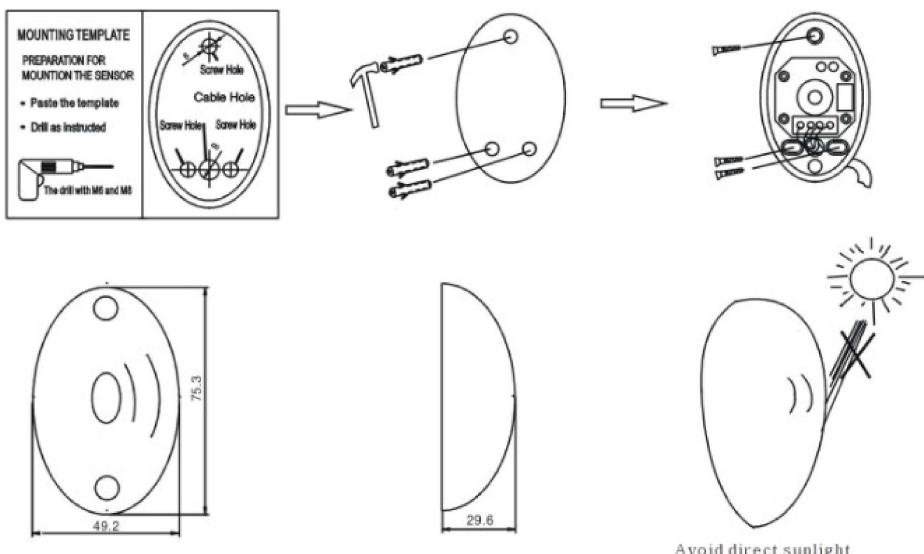
Installation:

The best installation height should be more than 20cm, installation distance should be not less than 3m; infrared protection device should be vertically placed, and in the same horizontal line. First, please install the receiver, then the transmitter (when in a straight line, OFF light of receiver goes out), then fix, connect line and complete installation.

Attention:

To this product, the transmitter power is high, there may be no reaction phenomenon when the distance is too close between the transmitter and receiver, at this time, make sure the distance should be at least 1m between them and try again; when installation distance is very close and find insensitive phenomenon, can remove the condenser lens from transmitter and receiver, by this way can increase sensitivity.

MOUNTING THE SENSOR



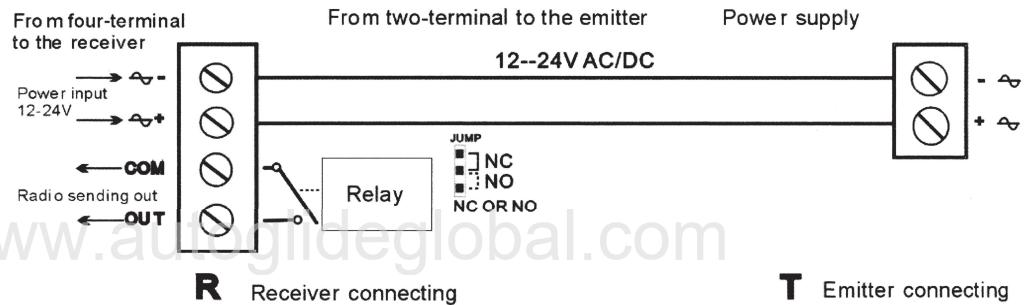
INFRARED SENSORS USER'S GUIDE

UNIVERSAL INFRARED SENSORS FOR AUTOMATIC

TECHNICAL SPECIFICATIONS

Technology	:Infrared
<u>RECEIVER</u>	
RANGE	:≤15m
	:Range can be reduced to 30% In bad weather conditions:for,rain, dust,etc.
Infra-Red Frequency	1.92 KHz
POWER SUPPLY	12 to 24V DC/AC
WAVE LENGTH	940nm
INPUT	RX 15mA - TX 30mA
OPERATING TEMPERATURE	-20°C to 70°C
RELAY OUTPUT	IA max 36V
DIMENSIONS	100x40x35mm

CONNECTING THE SENSOR



Installation

The best Install height should big In 20 cm. Install distance to be no smaller than 2 meters. Install should make red outside the protection equip perpendicularity to place, and Is on-line at same level. Install should Install first to receive part. Install blast-off part again. When together at always In@/receive the OFF light In the machine In order to put out, then fix, connect the line to Install completion namely.

Attention:

Because this product shoot power compare big, so when shoot machine with receive the machine distance too near hour will appear have no the phenomenon of the reaction, at this time should draw back them one meter at least behind again try. When Install distance very near, discover not Intelligent phenomenon, can shoot and receive medium of the condensing lens remove, can Immediately raise an intelligent degree.

MOUNTING THE SENSOR

