

ACTIVE INFRARED SENSOR

Usage manual

TECHNICAL SPECIFICATIONS

technology
Receiving range:

Active infrared beam

≤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℃ to +55℃

Relay output

1A max 36V

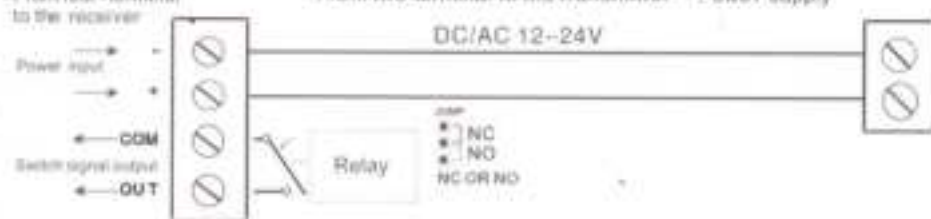
Dimensions

49.2 × 75.3 × 29.6mm

CONNECTING THE SENSOR

From four-terminal to the receiver

From two-terminal to the transmitter Power supply



R Receiver connecting

T Transmitter connecting

Installation:

The best installation height should be more than 20cm, installation distance should be not less than 1m; 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

