

BMGi IMG 9902 Active Infrared Sensor



BMGi IMG 9902 Active Infrared Sensor User Manual

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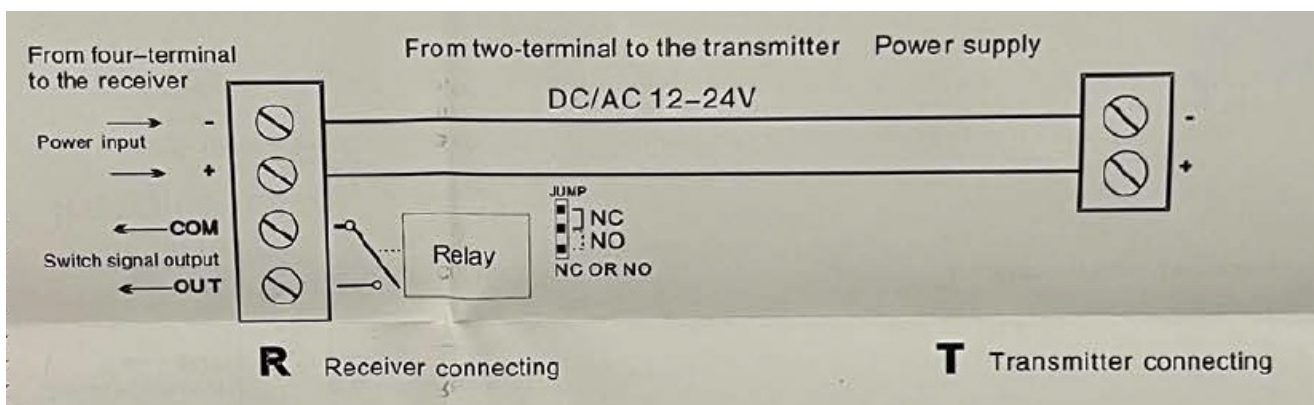
BMGi IMG 9902 Active Infrared Sensor



TECHNICAL SPECIFICATIONS

- **Technology:** Active infrared beam
- **Detection range:** $\leq 15\text{m}$ (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
- **Wavelength:** 940nm
- **Input current:** R-15mA; T-30mA
- **Operating temperature:** -25°C to $+55^{\circ}\text{C}$
- **Relay output:** 1A max 36V
- **Dimensions:** 49.2 x 75.3 x 29.6mm

CONNECTING THE SENSOR



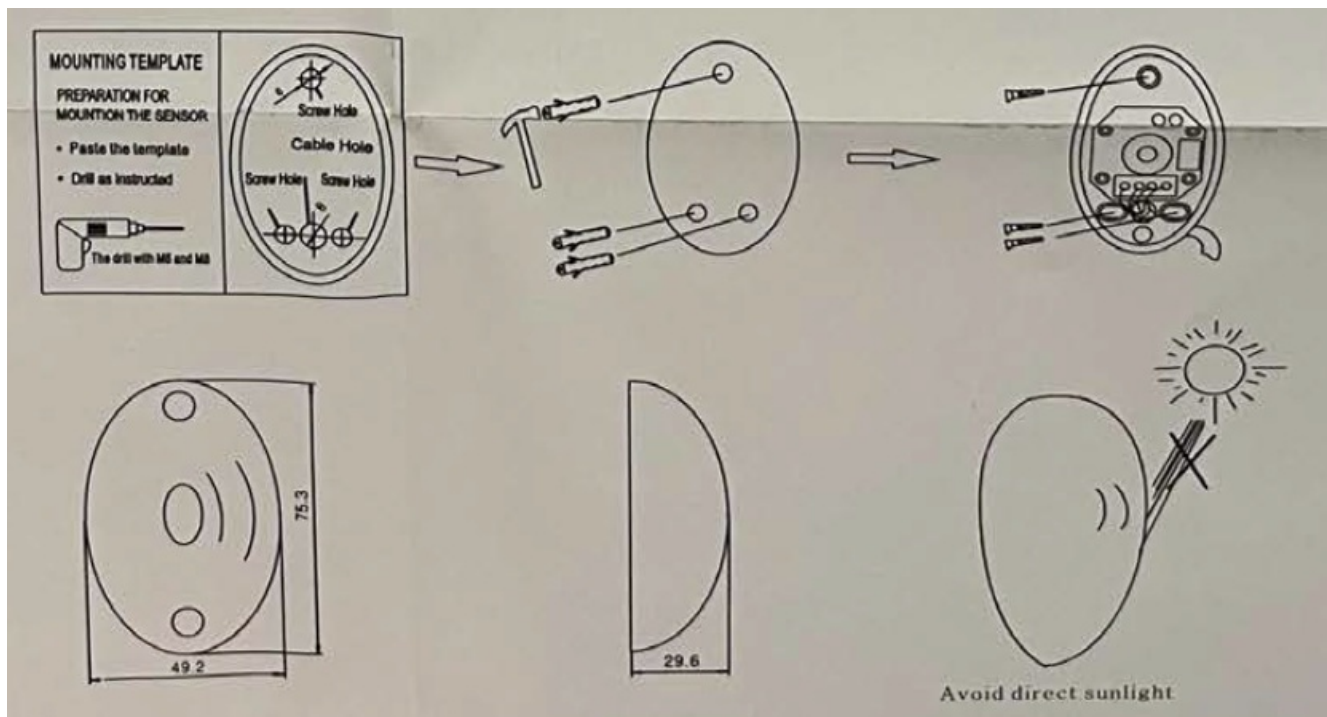
Installation

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, the OFF light of the receiver goes out), fix, connect the 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 the receiver, at this time, make sure the distance should be at least 1m between them and try again; when the installation distance is very close and find insensitive phenomenon. can remove the condenser lens from the transmitter and receiver, by this way can increase sensitivity.

MOUNTING THE SENSOR



Documents / Resources

	<p>BMGi IMG 9902 Active Infrared Sensor [pdf] User Manual</p> <p>IMG 9902, IMG 9902 Active Infrared Sensor, Active Infrared Sensor, Infrared Sensor, Sensor</p>
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References

- [User Manual](#)

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