



***This wristband RFID tag is suitable for personnel, patient, baby tracking in hospital, car centers, or some other institutions such as offices, school and sports centers.***

This active wristband RFID tag operates at the frequency of 2.45GHz ISM. its output power is 0dBm, the read ranges from 0 to 100m, and the type of modulation is GFSK. This wristband tag has disassembly and break resistance-functions which make it suitable for people in need of special care or strict protection. Equipped with a SOS button that can be pressed to send a signal back to the system, it alerts the wearer when a strap is tampered with. Encapsulated within a soft, durable and waterproof housing, the tag is very comfortable to wear. In addition, this wristband RFID tag features low power consumption and long battery life more than 4 years.

## **Applications**

- ✓ Patients and personnel are traced via a wristband tag with a SOS button
- ✓ Alert when a strap is tampered with
- ✓ Display the status of power consumption
- ✓ Low power consumption





**GAO RFID Inc.**

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*Product Overview*

**Active Wristband RFID Tag (127006)**

## Technical Specifications

|                 |                         |
|-----------------|-------------------------|
| Read range      | 0 to 100m               |
| Frequency       | 2.5GHz ISM              |
| RF output power | 0dBm                    |
| Power           | 12 to 18 $\mu$ A 3V     |
| Modulation      | GFSK                    |
| Data rate       | 1Mbps                   |
| Anti-collision  | 100 tags simultaneously |
| Operation       | Read only               |
| Battery life    | More than 4 years       |





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## **GAO Group**

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