

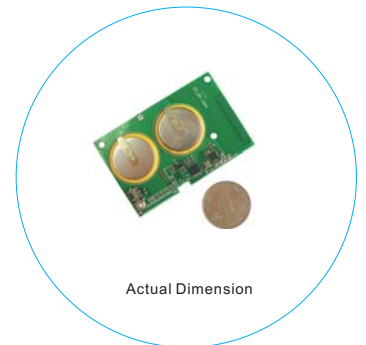


### Long distance active RFID

HAC-AID realized sensor, identification, and other wireless transmission in one whole. Less thickness, lower power, longer distance, higher reliability and better anti-interference. Smaller, higher detection accuracy and acquisition more kinds of signal of specialty products, if the customer need

#### Technical specification

- Time interval for transmitting: 10S
- Time tolerance:  $\pm 2s$
- Transmitting power: 10mw
- Transmitting current: <35mA
- Visible transmission distance: >120m
- Sleep current: <1uA
- Working voltage: 3V DC
- Battery: cr2430 270mAh (2pcs)
- Measure range of temperature: -20°C~60°C
- Temperature precision:  $\pm 2^{\circ}C$
- Continuous working time: more than 4 years, Self-testing battery voltage
- Dimension: 45mm×70mm×3.5mm



#### Application

- Logistics: including cargo tracking, automatic collecting information and storage management
- Manufacturing: used in the monitoring of data in the process of production and automated production
- Medical: used in the management of hospital equipment and patient identification
- Food: used in the food processing, preservation and transportation monitoring
- Vehicle: used in wireless telemetry and TPMS