

SAAT-T815A Active LED and Buzzer UHF Tag



SAAT-T815A Active LED & Beep tag works in 916MHz frequency band in active working mode. The tag has both LED and buzzer to indicate the working status of tags. With waterproof and battery changeable design, the tag SAAT-T815A is very suitable for many application occasions such as pet tracking/asset management/monitoring/locating etc. Waterproofing IP65.

Function

- Exclusive low- power consumption, longer working time
- Permanent 2-byte basic ID
- Passive operating mode
- Supports LED & Buzzer working indications
- Battery changeable
- Battery auto-detecting, low-power alarm
- PVC plastic shell, high-tension, waterproofing IP65

RF Parameters

Operating Frequency	902-928MHz
Fixed Frequency	916MHz
Output Power	11-20dBm
Sensitivity	-110dBm
Modulation Mode	2GFSK
Basic ID	2-byte
Operating Mode	Active Operating Mode
Signal Interval	1s/time(can be customized)
Battery Life	1-year life (related with the operating mode and output power)
Reading Distance	0-600 meters/2000 ft (operating with SAAT-H522, test under open environment)
Status Indication	LED、Buzzer
Battery Voltage	3V
Battery Capacity	1000mAh

Mechanical & Electrical performance

Dimensions	50.8mm × 34.5mm × 21mm/2 in*1.4 in*0.9 in (L × W × H)
Weight	40g
Operating Temperature	-40°C~+60°C
Storage Temperature	-60°C~+80°C
Humidity	5% ~ 95%(non-condensing)
IP Rating	IP65
Shock Resistance	10~2000Hz, 20mm/15g, Triaxial

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.