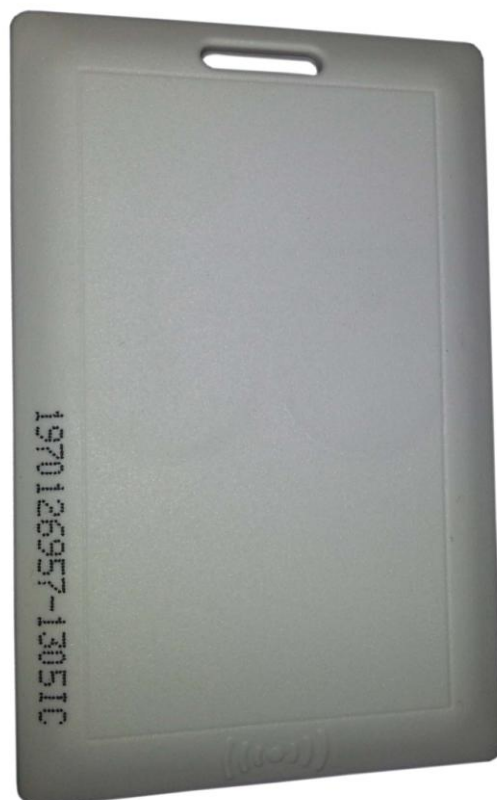


## STA AR3830T

## ---Super Thin Card Tag

**Features / Benefits**

- **Super thin card tag...**

Thickness: 4mm, similar to credit card.

- **Extremely low power consumption...**

Average working current <10uA.

- **Long reading distance on Active frequency**

Reading distance is more than 80 meters.

- **Dual frequency working**

13.56MHz (Mifare 1K) + 2.45GHz frequency

- **Complies with certifications . . .**

ISO-9001:2000, FCC Part 15, CE.

**Applications:**

- People access control management
- Student on&off school management
- Vehicle access control management
- RTLS

## SPECIFICATIONS

Model number	AR3830T
<b>2.45GHz frequency</b>	
signal Modulation	GFSK
Inductive mode	Active Transmit, with -6dBm RF power transmit per second
signal Modulation	1Mbit/s
working frequency	2.45GHz
Output power	0dBm
<b>13.56MHz frequency parameter</b>	
Frequency	13.56MHz (Mifare 1K)
Air-Protocol	ISO14443A
data communication rate	106Kbits/s
<b>Electricity characteristics</b>	
Idle current	<3uA
Peak current	<15mA
Average current	<10uA
Battery model	CR2025
Battery capacity	170mA * 2
Battery life	3years, battery unchangeable
<b>ENVIRONMENTAL &amp; PHYSICAL CHARACTERISTICS</b>	
Operating Temperature	-20℃~+45℃ (-4°F to +113°F)
Storage Temperature	-30℃~+65℃ (-22°F to +149°F)
Humidity	5-90% non-condensing
Dimensions (L x W x D)	86*55*4mm
Weight	16.95g
Mifare IC dimension	Diameter:25mm
Material	ABS, white
Industry protection rate	IP67
<b>REGULATORY COMPLIANCE</b>	
Certifications	FCC Part 15 regulations; CE certificate, following ETSI EN 302 208 v1.2.1 without LBT regulations.ISO-9001:2000

## Appearance & CAD Structure Chart

