

# T-2432

## Active Tag



Model Parameter	2432A	2432W	2432T	2432WT
Operating frequency	2.4GHz~2.5GHz ISM			
Operating mode	Read only	Read and write	Temperature	R&W temperature
RF Power	-18.0dBm~0.0dBm			
Reading distance	0~50m (with standard matched 2dBi Omni-directional antenna) 0~200m(depends on antenna)			
Operating Current	<22uA, 3V (500ms transmitting interval)			
Modulation	GFSK			
Communication rate	250Kbps, 1Mbps, 2Mbps			
User memory	/	4K byte	/	4K byte
Detecting precision	/	/	±0.5℃	±0.5℃
Working temperature	-20℃~+60℃ 90%RH			
Life time	Read and write: 2 years(500ms transmitting interval) Read only: 4~5 years (500ms transmitting interval)			
Electric hint	Alarm when low battery			
Material	ABS(ROHS), flame retardant			
Color	White, blue, yellow, green			
Environmental sealing	IP65			
Drop testing	1.2m			
Weight	30g			
Dimension	87mm*56mm*5mm			

### Key Features

- | Long reading distance
- | Ultra low RF power consumption, long life time
- | Excellent anti-collision mechanism makes multiple tags real time monitoring adaptable
- | High protection grade
- | Large user memory, which can be used for many flexible applications
- | Intelligent temperature monitoring function

### Typical Applications

- | Cold chain logistic
- | Temperature monitoring and collecting
- | School students' management
- | Vehicle and asset tracking