



JT-T2483



2.4G Active Acousto-optic RFID Tag

JT-T2483 2.4G active acousto-optic tag, with complete independent intellectual property rights. Different from ordinary active tags, acousto-optic tags can respond to the control commands of the reader to realize functions such as tag reading, sound, and light prompts. A specific transceiver control mechanism is adopted to keep the tag in a low power consumption state. The tag can be recognized at a long distance, in a good visual environment, the recognition distance can stably reach 50 meters. When the tag communicates with the reader, the data is encrypted, and the relevant protocol must be in place to correctly analyze it, ensuring communication security. It is suitable for various applications such as equipment management, asset identification, object finding, inventory, vehicle management, etc.

SPECIFICATIONS

PARAMETERS

Working frequency	2.4 GHz~2.45 GHz
Protocol	Private
Receive sensitivity	-87dbm
Data rate	1Mbps
Modulation	GFSK
RF power	7dBm
Identification method	Active launch\360°omnidirectional
Reading rate	120 km/h
High security	Two-way communication technology, encrypted
anti-interference	computing and authentication
Reading range	0~50m (relate to reader and enviroment)
Indicator color	Red,green,blue
Sound level	87dB@10cm
Battery	CR2450(550mAh)/CR2477(1000mAh) replaceable
Working Voltage	DC 3V
2.4G emission current	25mA@4dbm
Stand by current	≤45μA
Working Temp.	-10°C~+50°C
Storage Temp.	-20°C~+60°C
Storage humidity	5%~95%RH no condensation
Shell material	ABS
Dimension	65.5*35*10.5mm
Weight	About 17g
Installation	Hang buckle