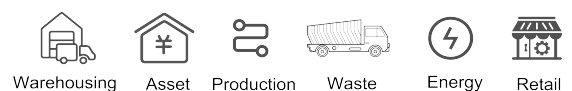




JT-T2483



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 |
| Identificatioin method | Active launch\360°omnidirectional |
| Reading rate | 120 km/h |
| High security anti-interference | Two-way communication technology, encrypted 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℃~+50℃ |
| Storage Temp. | -20℃~+60℃ |
| Storage humidity | 5%~95%RH no condensation |
| Shell material | ABS |
| Dimension | 65.5*35*10.5mm |
| Weight | About 17g |
| Installation | Hang buckle |

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