



Ci-RT202 Dual Frequency Tag



Ci-RT202 dual-frequency active RFID tag operates in multi-frequency, like 13.56 MHz & 2.45 GHz, 125Khz & 2.45 GHz or UHF & 2.45 GHz. It is suitable for scene that requires different frequency for different purpose, like 13.56Mhz for consumption, 125Khz for access control etc.

FEATURES

- ☑ Flexible Frequency Band Optional for Different Scene
- ☑ 2.4Ghz ISM With Unique 4bytes ID
- ☑ 100m Reading Distance in Open Area
- ☑ PVC Plastic Shell, High-Tension



RF PARAMETER

Operating Frequency	2.4-2.48GHz & 13.56MHz (default); 2.4-2.48GHz & 125Khz (customized); 2.4-2.48GHz & UHF (customized)
Output Power	-13~+7dBm
Modulation	GFSK
Communication Speed	1Mbps

BASIC PARAMETER

Basic Id	4 byte
Operating Mode	Active operating mode
Signal Interval	800ms/time (can be customized from 100ms-60s)
Battery Life Time	4-year life (related to output power and reader type as well)
Reading Distance	0-180m (operate with 5dBi antenna in open area)

MECHANICAL& ELECTRICAL PERFORMANCE

Dimension	87 *55 *5.5mm
Weight	25g
Working Temperature	-20°C~ +60°C
Storage Temperature	-25°C~ +65°C
Humidity	5%~95% (non-condensing)
Waterproof	IP65
Shock Resistance	10~2000Hz, 20mm/15g, Triaxial