



Ci-E262 125Khz LF Activator



Ci-E262 125Khz activator is an important component in active RFID RTLS system. E262 LF activator work as a locator in the system, it sends LF signal to activate the standby active tags within its area, then the active tag send together the activator address and tag ID to RFID reader. E262 can activate the tags around it like a round area. Together with the help of Active RFID reader, LF Activator and LF Wake Up Active Tag, this combination can realize the regional location and detect direction of movement. At the same time, the wake-up tag has longer battery life.

FEATURES

- Working on 125KHz±1KHz
- Built-in Antenna
- Modulation: ASK
- Waking Up Tag Range: < 6m (Semi-Diameter, Adjustable by Software)
- RF Output Power < 5W
- RS485 Port



APPLICATION

- Personnel Location
- Vehicle in/Out Management
- Asset Management
- School & Family Communication System

RF PARAMETER

Operating Frequency	125KHz ±1KHz
Tag Activating Area	1-6m (Activating radius adjustable)
Modulation Type	Adjustable by software (RS485) or set by hardware
Antenna Output Power	<5W
Activator Id	8 bit
Working Indicator	LED, Buzzer

MECHANICAL & ELECTRICAL PERFORMANCE

Dimensions	189mm *90mm *40mm (L×W×H)
Weight	225g
Working Voltage	DC 12V (compatible with DC 9-18V)
Power Consumption	5W
Operating Temperature	-20°C ~+55°C
Storage Temperature	-40°C ~+80°C
Humidity	5%~95% (non-condensing)
Waterproof	IP64