



## Operational Description

The EUT is a low power 125kHz transceiver used of entrance control after reading RFID Card. Press "START" button in the outside body (Blue LED on) and operate continuously in TRANSMITTING and READING mode for recognizing RF ID CARD.

RF ID CARD is approached to the EUT and then EUT verifies the identification of the CARD.

If you do not place card for 5 seconds, this mode will be stopped automatically.

If the unregistered card is used, you can hear the sound "Please try again". If the unauthorized access trial is made more than 3 times, all the operations of the doorlock will be stopped for 30 seconds. The EUT will only be marketed to corporations. It works in conjunction with security systems in offices and factories.

### ANTENNA

The EUT uses an loop coil antenna (RFID Card Transceiver) and whip antenna ( Remote Control Receiver). No external ground is required.

### Specification

	ITEM	SPECIFICATION
Power	Battery	Doorlock : 8 x 1.5(V) AA Alkaline Battery (6V) Remote control : 3 x 1.5(V) AAA Alkaline Battery
	Battery life	More than 6 months (10 uses per day)
	Emergency Battery Recharge	Square FC-1 9V
RF CARD	RF Card	125(KHz) FSK type
	Active distance	5 Cm from reader
	No. of card	Max 20 cards, 30 cards(Optional)
Remote Control	Frequency	AM 433.92MHz
	Reg. Capacity	5 Registration (Unlock from Inside)
Display, LED	Voice Message	Open, Lock, Retry, Low Battery Warning
	Open ,Close LED	Blue LED ON in case of Door Open/Close
	Error LED	Red LED ON in case of Error
Dimensions	Interior	Aluminum Die-Casting : 80*50*300 (W*D*H)mm
	Exterior	Aluminum Die-Casting : 80*50*300 (W*D*H)mm
Others	Right,/Left Hinge	Exchangeable at Service Depot
	Automatic Lock	Automatic stop of Operation for 3 minutes by unauthorized access trials more than 3 times