

## RFID Keypad Reader Specification

Model No.	EM9937A1	EM9937A2	EM9937A3	EM9937A4
Frequency	125 KHz	125 KHz	125 KHz	125 KHz
Card(Transponder)	GK4001	GK4001	GK4001	GK4001
Read distance	100mm	100mm	100mm	100mm
Indicator	2 LED	2 LED	2 LED	2 LED
Keypad	12 key	12 key	12 key	12 key
Output interface	Stand-alone	Stand-alone	Stand-alone	Stand-alone
Weather proof	Yes	Yes	Yes	Yes
Operating temperature	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C	-10°C to 60°C
Storage temperature	-25°C to 85°C	-25°C to 85°C	-25°C to 85°C	-25°C to 85°C
Power supply input	DC12V, 100mA	DC12V, 100mA	DC12V, 100mA	DC12V, 100mA
Dimensions(mm)	125H x 40W x 25D	125H x 40W x 25D	125H x 40W x 25D	125H x 40W x 25D
Relay Current	1A	1A	1A	1A

## FEATURES

- Separate controller and reader for best security  
Password setting available  
Can be linked with security terminals
- Weather proof
- CE approval
- One year warranty
- Contactless proximity card, avoid demagnetization
- Scrapping, rubbing and twisting
- Long life (7 ~ 10 years)
- 100% identification
- 200 group of personal password
- Can put aside 2000 cards and card number can do keyboard password
- EM9937B output ST+W26+RS232
- EM9937C output ST+W26+RS485

## Data Connection of Reader

Number	Color	Name	Description
1	Black	GND	Ground
2	Red	+12V	DC +12V
3	Green	EL_CL	Relay (close)
4	Blue	EL_OP	Relay (open)
5	Brown	SB	Open door

