

Datasheet

Product P/N	RMD-LD23-R23	Product	Dual band (125kHz & 13.56MHz) LCD display Module
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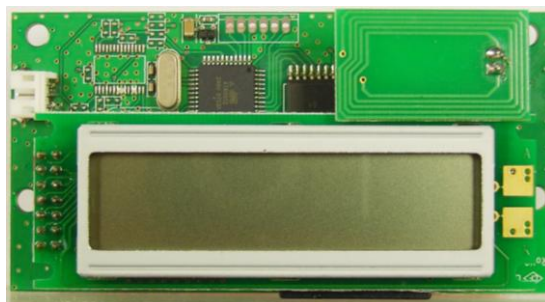
Show Mode: Display HEX

1. Reader diagram

2. Reader dimension

L85 * W50 * H20 (mm)

Internal Antenna



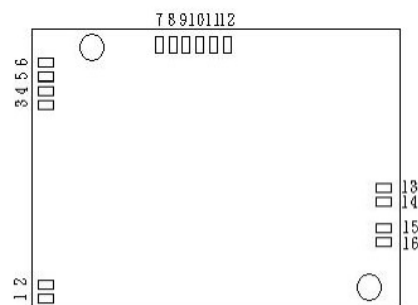
3. Specification

Operating Frequency	125kHz & 13.56MHz
Interface	RS-232
Baud Rate	9600bps, N, 8, 1 (Initial Phase)
Power Requirement	DC 4.75~5.5V
Electric Current	150mA (DC5V)
Read Function	Read only
Card Types	EM & ISO14443A (Mifare)
Reading Distance	Depend on antenna, up to 70 (mm)
Indicators	R LED / G LED, Beep and LCD display
Operation Temperature	0℃ ~ + 50℃
Storage Temperature	-10℃ ~ + 60℃
Humidity	10% ~ 90%
RoHS	PASS
CE & FCC	
Weight	
Packing	

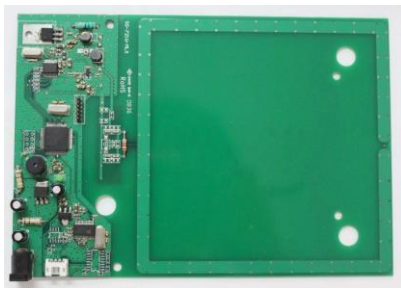
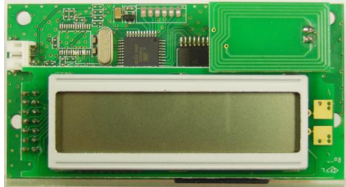
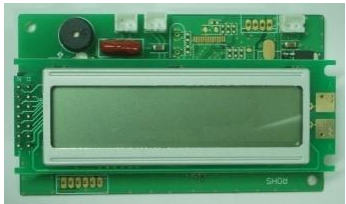
- **Specification is subject to change without notice** (we also design special reader according to customer's request)

Pin Descriptions:

Input		USB In		ISP Input		Antenna	
Pin1	5V	Pin3	5V	Pin7	SCK	Pin13	ANTI-1
Pin2	GND	Pin4	RS232 Pin3	Pin8	MISO	Pin14	ANTI-2
		Pin5	RS232 Pin2	Pin9	MOSI	Pin15	ANT2-1
		Pin6	GND	Pin10	GND	Pin16	ANT2-2
				Pin11	RST		
				Pin12	+5V		



No.	P/N No.	Product Picture	Description	Dimensions	Notes
1	RMD-PC23-S60		13.56 MHz ICODE2 / RS485	L114 x W33 x H14 (mm)	Internal Antenna
2	RMD-PC23-R60		13.56 MHz ICODE2 / RS232		
3	RMD-PC23-U60		13.56 MHz ICODE2 / USB		
4	RMD-PF23-S60		13.56 MHz Mifare / RS485		
5	RMD-PF23-R60		13.56 MHz Mifare / RS232		
6	RMD-PF23-U60		13.56 MHz Mifare / USB		
7	RMD-PC23-U61		13.56 MHz ICODE2 / USB	L100 x W67 x H18 (mm)	Internal Antenna
8	RMD-PC23-R61		13.56 MHz ICODE2 / RS232		
9	RMD-PF23-U61		13.56 MHz Mifare / USB		
10	RMD-PF23-R61		13.56 MHz Mifare / RS232		
11	RMD-PC23-U63		13.56 MHz CODE2 / USB	L50 x W50 x H12 (mm)	Customized antenna design is available
12	RMD-PC23-R63		13.56 MHz ICODE2 / RS232		
13	RMD-PF23-U63		13.56 MHz Mifare / USB		
14	RMD-PF23-R63		13.56 MHz Mifare / RS232		
15	RMD-RC23-U63		13.56 MHz Mifare & ICODE2 USB	L58 x W42 x H12 (mm)	Customized antenna design is available
16	RMD-RC23-R63		13.56 MHz Mifare & ICODE2 RS232		

No.	P/N No.	Product Picture	Description	Dimensions	Notes
17	RMD-PF23-U64		13.56 MHz Mifare / USB	L40 x W22 x H13 (mm)	Antenna Optional
18	RMD-PC23-U64		13.56 MHz ICODE2 / USB		
19	RMD-PC23-R71		13.56 MHz Mid-Range Module ICODE2 / RS232	L188 x W130 x H17 (mm)	Internal Antenna
20	RMD-PC23-U71		13.56 MHz Mid-Range Module ICODE2 / USB		
21	RMD-LD23-R23		Dual band 125 KHz (EM) 13.56 MHz (ISO 14443) Display HEX RS232	L85 x W50 x H20 (mm)	DC5V~12V Read only Internal Antenna
22	RMD-XQ23-R19		Dual band 125 KHz (EM) 13.56 MHz (ISO 15693) Display HEX RS232		
23	RMD-LE23-R23		RS232 125 KHz (EM/TK) Display HEX, Wiegand26, Wiegand32	L85 x W50 x H19 (mm)	DC9V Read only Internal Antenna