

PRODUCT DETAILS

The working frequency of the card reader module is 134.2KHZ (error 1KHZ).

Module working voltage: 5V, current less than 50MA

Read card module reads the ISO 11784/85 FDX-B support tag or its compatible RFID card.

For example, dove foot ring, ear tag and glass tube label for injection.

Card reading distance: ear tag is 6CM, foot ring and so on 4CM.

The card reading module is the serial output of TTL level, which can be directly connected with the serial port of the target MCU. The baud rate is 9600.

For example, the 16 binary data of animal labels are: 038412 DB FA E7 D5

(of which Country ID:03 84, National ID:12 DB FA E7 D5)

Serial port protocol: AA 0F 0800038412 DB FA E7 D5 81 BB

AA is the starting code 0F 0800 (the three data are fixed) 03 8412 DB FA E7 D5 (animal label data) B1 (XOR check code) BB (end code).

Check code: 0F (XOR) 08 (XOR) 00 (XOR) 03 (XOR) 84 (XOR) 12 (XOR) DB (XOR) FA (XOR) FA (c) x

Special needs can be customized, please contact customer service.

Module Pin Descriptions:

Pin	Function	Comment
J1(1)	GND	
J1(2)	VCC	+5V
J1(3)	NC	floating
J1(4)	TXD	serial data send
J1(5)	NC	floating
J1(6)	NC	floating
J3(1)	L1	antenna
J3(2)	L2	antenna

