

**125KHz EM4100, TK4100, EM4001, TK4101, EM4102 Chip Proximity ID Card Reader, RS232 port, Access Control, Identification**



**Product Details:**

Place of Origin: China Mainland

Brand Name: SeabreezeRFID

Certification: RoHS

Model Number: YJ30

**Detailed Product Description**

<b>Add Time:</b>	2014-08-12 16:33:28	<b>Work Mode:</b>	Read Only
<b>Output Number Format:</b>	Specified	<b>Material:</b>	ABS
<b>Appearance:</b>	Optional	<b>Color:</b>	Black
<b>Sample:</b>	Specified	<b>Sales Range:</b>	Global
<b>Highest Annual Sales:</b>	6000 Pieces	<b>Application:</b>	Access Control, Identification

**125KHz EM4100, TK4100, EM4001, TK4101, EM4102 Chip Proximity ID Card  
Reader, RS232 port, Access Control, Identification**

**Product synopsis**

USB card reader to implement the card serial number directly transmitted to the computer via USB ports and users in using the load driver, have the power, insert the card machine computer USB interface, card indicates a red light and green light flash, until you hear the buzzer rang two lights show only after the red light, can begin a credit card, credit card after the card number is displayed in the location of the cursor. Use the management software to manage card number, produce many functions. This card reader can read, can't write.

Classification: USB no drive, back 8 Numbers; USB no drive, front 10 Numbers.

If used for access control reader, card number format can optional 8H10D, 6H10D, 6H8D, 2H3D4H5D, 8H, 6H, 4H5D4H5D, optional rid of leading zeros, with enter key, can also be customized, default format 8H10D, with enter key.

ODM and OEM products according to customer's demand.

Technical Parameters	
Item	Parameters
Support system	USB keyboard systems support
Operating frequency	125KHz
Fully support	uem4100 compatible format ID card (64 bits, Manchester code)
Read card Type	EM4100, TK4100, EM4001, TK4101, EM4102 or compatible chip
Work mode	Read only
Communication speed	106Kbit/s
Serial baud rate	9600Kbit/s
Power	DC 5V(±5%)
Work current	<100ma
Interface	RS232

Expansion I/O interface	no
Status indication	2-color LED indication, power red, reader green
Read Time	<100ms
Induction distance	1~10cm
Operating temperature	-10°C~+70°C
Storage temperature	-20°C~+80°C
Relative humidity	0~95%
Size	110×80×26mm or 105×70×12mm
Color	Black



### **Matters needing attention**

There is a switch at the bottom of the card reader, you can adjust the output 8 digits numbers.

Card reader is installed in the location of the convenient operation, avoid close to the monitor, because the monitor radiation may interfere with the normal work of the card reader.

Avoid close to a large area of metal objects, otherwise will shorten card read distance, even don't read the card.

Card reader and computer communication between the cable length should be less than 15 meters.

If there are no reader: the interface is plugged in; Whether it is compatible with RFID card; RF card is bad ; if another RF card reader is within range.

Transfer data error: whether it is strong electromagnetic interference environment; communication cable between the reader and the computer is too long.

