125K-R-USB-D1

125K Read only RFID Reader with USB Interface

FEATURES

- Built-in transceiver antenna;
- Maximum effective distance up to 5-8 cm;
- Less than 100ms decoding time;
- Low power dissipation with single power supply;
- USB (virtual com) interface;
- Support EM4100/EM4102 or compatible 125Khz read only tag
- Built-in LED and buzzer;
- Size : 80x110x25

Protocol

Band Rate : 9600, N, 8, 1

DATA (10 Hex)

USB driver Installation

[1] install the following USB driver before connect the reader to PC
For WINDWOS XP - run CD path:\USB driver\PL-2303 Driver Installer.exe
For Vista - run CD path:\USB driver\PL-2303 Vista Driver Installer.exe
[2] after driver installation , connect the reader to PC through the USB cable
[3] it will detect and install the "USB to serial " virtual com driver automatically
[4] the virtual com driver will be found from the system manager as follow :

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B Device Manager	
File Action View Help	
🖮 📹 IDE ATA/ATAPI controllers	<u> </u>
🗉 🔊 Infrared devices	
🗄 🖢 Keyboards	
😐 🐚 Mice and other pointing devices	
🗉 🦢 Modems	
🗉 😼 Monitors	
🗈 📟 Network adapters	
PCMCIA adapters	
Ports (COM & LPT)	
Communications Port (COM1)	
Printer Port (LPT1)	=
Prolific USB-to-Serial Comm Port (COM3)	
🖻 🍩 Processors	
Sound, video and game controllers	
⊕– 😼 System devices ⊕ 🚭 Universal Serial Bus controllers	
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Testing Procedure by Windows XP – Hyper Terminal

[1] connect the USB reader with PC's USB port;

[2] open Hyper Terminal or other com testing program :

Start > all program > accessories > communications > hyper terminal ;

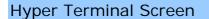
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[3] set the com port parameter as follow :

Baud rate : 9600 , N, 8 , 1 / Flow control : None COM port number : select the correct "virtual com port" which is connected with the reader

COM4 Properties	7 (2)	
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[4] read the RFID tags and the ID will be shown on the screen as follow :



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 0016357834

 0008118743

 0027831486

 0027835126

 0027830930

 0027831320

 0027835241