

# 125K-R-USB-D1

125Khz EM4100 RFID reader with USB interface

## USB driver installation

### Remarks :

**Don't connect the USB reader with the PC when running below auto USB driver setup**

[1] insert the USB driver disk to CD-ROM :  
run the auto setup program from the following path :  
cd-rom drive : \USB To Virtual Com driver\CP210x\_VCP\_Win2K\_XP\_S2K3.exe  
windows OS support : 2000 , XP , Vista & 2003 server

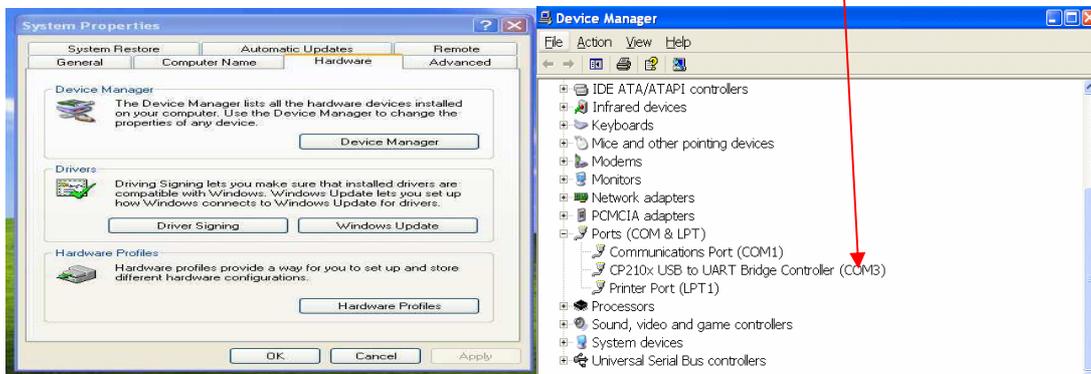


[2] After driver installation → connect the USB reader to the PC's USB port with a USB cable .

Then the PC will find the reader and install the "USB to UART Bridge" driver automatically.

[3] After installation successfully , you will find "CP210xUSB to UART Bridge Controller (Com3)" as follow message from the control panel/system/hardware/device manager/port(COM & LPT) .

(may be see other COM port # , not the COM3 which is depend on your PC's hardware configuration)



## Protocol

**Band Rate : 9600,N,8,1**

STX (02 HEX)	Card ID ( 10 digit decimal )	CR	LF	ETX (03 HEX)
--------------	------------------------------	----	----	--------------

## USB Reader Testing Guide

### Testing Software – Windows XP – Hyper Terminal



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

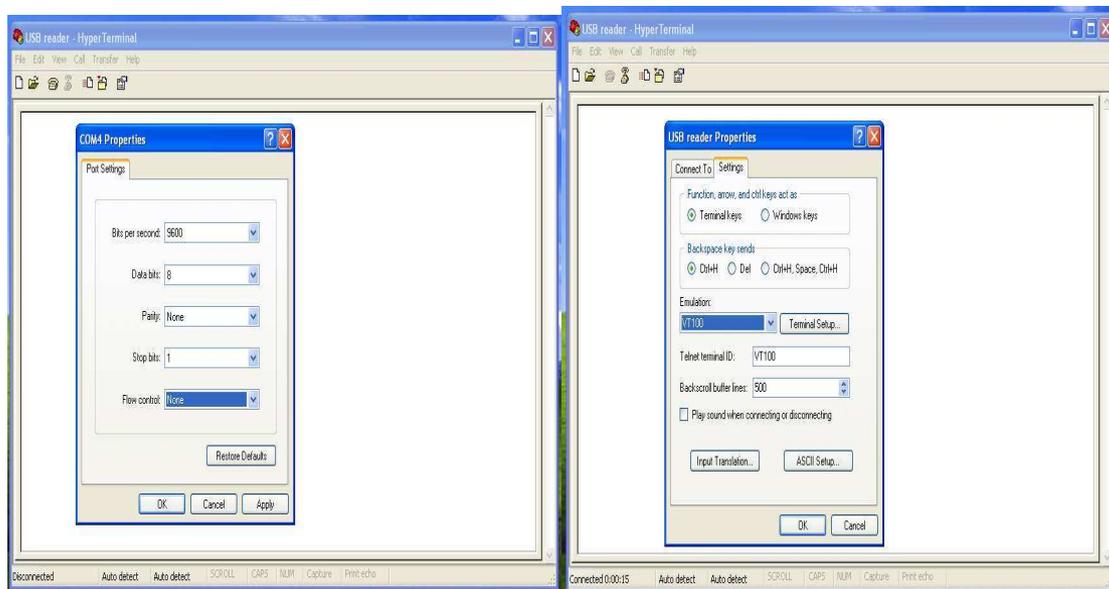
[1] make sure installed the "USB serial Port " driver as above procedure ;

[2] open Hyper Terminal ;

[3] set the following parameter :

Baud rate : 9600 , N , 8 , 1 / Flow control : None / Telnet Terminal : VT100

COM port number : select the correct "virtual USB serial com port" which is connected with the reader



[4] read the RFID tags and the ID will be shown on the screen .