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

Silicon Laboratories	
Silicon Laboratories CP210x USB to	o UART Bridge
tallation Location:	Driver Version 4.40
C:\Program Files\Silabs\MCU\CP210x\	

[2] After driver installation \rightarrow 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)
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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

SUSB reader - HyperTerminal	🕏 USB reader - HyperTerminal
Fle Edit Wenn Call Tanadar Help D 같 중 10 관 법	File Sch Yeen Call Transfer Help D 교육 등 중 비안권 합
COM4 Properties	USB reader Properties Conect Io Safrige Function arrow and chillege at a Teninal Sey. Buckupace Jays and O DHH O Del O DHH. Space, DHH Endator: Teninal Seq. Tehest teninal ID: Teninal Seq. Tehest teninal ID: Tehest te
Disconnected Auto detect Auto detect SURVIL CARS INUM Capture Print echo	Connected 0.00:15 Auto detect Auto detect SCROLL CAPS NUM Capture Print echo

 $\left[4\right]$ read the RFID tags and the ID will be shown on the screen .