# 125K-ID-RW-USB-D1

## 125K EM4100 ID Programmer 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	D
tallation Location:	Driver Version 4.40
C:\Program Files\Silabs\MCU\CP210;	*

[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 config.)

stem Properties		XX	Device Manager	
System Restore	Automatic Updates	Remote	Ele Action View Help	
General Comp	uter Name Hardware	Advanced		
Device Manager		1	E N IDE ATA/ATAPI controllers	
The Device M	anager lists all the hardware d	evices installed	🖶 🔊 Infrared devices	
properties of a	ny device.	to change the	🗄 🗁 Keyboards	
	Devid	e Manager	⊕  ∭ Mice and other pointing devices	
Drivers			Hodems	
Driving Signin	g lets you make sure that insta	lled drivers are	🗄 🔮 Monitors	
compatible wit how Windows	h Windows, Windows Update connects to Windows Update	lets you set up a for drivers.	🗉 🕮 Network adapters	
Driver	Zianina Winda		🗄 🗄 PCMCIA adapters	
Dilver		www.opdate	🖻 🍃 Ports (COM & LPT)	
Hardware Profiles			🚽 🚽 Communications Port (COM1) 🎽	
Hardware prof different hardv	iles provide a way for you to se vare configurations.	et up and store	- 🖉 CP210x USB to UART Bridge Controller (COM3)	
			- 🖉 Printer Port (LPT1)	
	Hardy	vare Profiles	🗄 📾 Processors	
			🗄 🗐 Sound, video and game controllers	
			🗄 🗄 😼 System devices	
		ncel Apply	🗄 🖶 🗘 Universal Serial Bus controllers	

#### 125K EM4100 ID programmer user guide

- [1] run the program from the path :\ID programmer\ID programmer.exe
- [2] select the correct "com port" and click on "connect"

Read And Write	
ID:	Read
Continuous writing	Start ID: 1145
From File	Start Stop
NOTE: Write Messa	ge. X

#### How to duplicate a EM4100 or compatible card

- [1] select "Read and Write" and place the original EM4100 card on the reader
- [2] click on "Read" and card's ID will be shown here
- [3] take away the original EM#100 card and put a "T5567" card on the reader
- [4] click on "Write" and "Write success" message will show if write success

Read Success!			
• Read And Write ID: 1234567890	Connetion	Disconnect ad Write	
1153			
Customer II 01	Shave TD.	10090101	
1			
		- 1	
From File ammer\3	03\ID testing.xls	🗃 Start	Stop
From File ammer\3	803\ID testing.xls	Start	Stop
From File immer\3	(1C000003EB)	Start	Stop
From File immer\s	(1C000003EB) (18000003EA) (18000003EA)	Start	Stop
From File immer\s	(1C000003EB) (1800003EA) (1A00003E9)	Start	Stop
From File immer\3	(1C000003EB) (1A00003E9)	Start	Stop
From File immer\3	(1C000003EB) (1A000003E9)	Start	Stop
From File immer\3	(1C000003EB) (18000003EA) (1A000003E9)	Start	Stop
From File immer\3	(1C000003EB) (1C000003EA) (1A000003E9)	Start	Stop

#### How to program the continuous ID and customer ID card

- [1] tick "Continuous writing" and input customer ID (2 digit) and Start ID (8 digit)
- [2] put a "T5567" card on the reader and click on " Start"
- [3] if write success, start ID will increase one automatically
- [4] put another T5567 card on the reader
- [5] if finished , click on "Stop"

	Connection	Disconnect	
* Read And write	Read	Write	
1153			
Continuous writing			
CustomerIE A1	Start ID:	10090101	
			<b>A</b>
From File ammer\303	3\ID testing.xls 🛛 🗃	Start	Stop
E			1
Write Success(1 Write Success(1	C000003EB) B000003EA)		
(1	A000003E9)		

#### How to program the customer make ID

- [1] created a worksheet with your own customer ID and card ID. (refer to \ID testing.xls)
- [2] tick "Continuous writing" & "From File" to select the excel worksheet file
- [3] put a T5567 card on the reader and click on " Start"
- [4] programmer will start to program the card according to the worksheet data
- [5] if write success, put another T5567 card on the reader,
- [6] repeat the step 5
- [7] programmer will stop automatically when at the end of the worksheet

Kead Success!	
Connection Disco Read And Write TD: 1234567350 Read 1155 Continuous writing Customert A1 Start ID: 10090 From File ammer\303\ID testing.xls From File ammer\303\ID testing.xls Write Success(1C000003EB) Write Success(1C000003EB) Write Success(1A000003E9)	Write Start Stop