

125K-RW-USB

EM4001 125K RFID reader/writer with USB interface

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 :



Writer Program - user guide

Setup connection

[1] copy full directory from the CD path :\writer program to your local PC

remake : The writer program can not be run from CD directly

- [2] run the program from the path :\writer program\rfid.exe
- [3] select a suitable "Com Port" No.
- [4] click on "Link"
- [5] System Link Success if successfully as follow :

🖭 LEXIS CI	ARD programmer		
Com Port	Buzzer off on 010 Controll 010	System Clear Link	
System Link Success			
ToE	M4001 format	To ISO11784/11785 format	
WriteText	000000001	Read Card	
		Write Card	
ReadText		Auto Write LEXIS Card	
Add	0000	Stop	
Data Format TOD C 10H Check Card Exit			

How to duplicate a EM4001 card

- [1] Click on "To EM4001 Format" and put the original card on the reader
- [2] click on "Read Card"
- [3] Card ID will show on the "Read Text" column
- [4] copy the original ID from "Read Text" column to "Write text" column
- [5] take away the original card and put a "125K-RW-T1" card on the reader
- [6] click on "Write Card"
- [7] "Write and Read Block Data Success" message will show if successfully

陷 LEXIS CARD programmer		
Com Port	off on 010 Controll 010	Clear Link
Write AND Read Block Data Success		
To E	M4001 format	To ISO11784/11785 format
WriteText	L234567890	Read Card
		Write Card
ReadText	1234567890	Auto Write LEXIS Card
Add	0000	Stop
Data Format		

How to program the ISO11784/11785 format

- [1] click on "To ISO11784/11785 format"
- [2] put the "125K-RW-T1" on the reader
- [3] input 64 bit data and click on "Write Card"
- [4] "Write and Read Block Data Success" message will show if successfully

LEXIS CARD programmer Com Port Off Off Off Other System Clear Link Write AND Read Block Data Success				
To EM4001 format Animal FLAG: 1bit	To ISO11784/11785 format Read Block			
Beserved: 2-15bit 00000 DATA BLOCK: 16bit 0	Auto Write LEXIS Card			
Country ID: 17-26bit 0123 National ID: 27-64bit 123456789012	Stop			
Add [0000				

How to program the EM4001 format

- [1] click on "To EM4001 format"
- [2] put the "125K-RW-T1" on the upper side of the reader
- [3] input 10-decmial or 10-Hex data on the "Write Text" column
- [4] click on "Write Card"
- [5] "Write and Read Block Data Success" message will show if successfully

🛍 LEXIS CARD programmer				
Com Port	Buzzer off on 010 Controll 010	System Clear Link		
Write AND Read Block Data Success				
Το	EM4001 format	To ISO11784/11785 format		
WriteText	L234567890	Read Card		
		Write Card		
ReadText	123456789(Auto Write LEXIS Card		
Add	0000	Stop		
Data Format TOD C 10H Check Card Exit				

Program Description

(Meun 1) To EM4001 format – set card format to EM4001/EM4100/EM4100

💽 LEXIS CARD programmer		
Com Port 3 Controll	system Clear Link	
Read Block Data Success		
To EM4001 format	To ISO11784/11785 format	
WriteText L234567890	Read Card	
	Write Card	
ReadText 000000001	Auto Write LEXIS Card	
Add 0000	Stop	
● Data Format ● 10D ● 10H ■ Check Card Exit		

Com Port : set com port No.

Buzzer : set buzzer on/off and turn on timer
System : Link – connect with PC / Clear – disconnect with PC
To EM4001 format : set card format to EM4001/EM4100/EM4102
data format : 10D – 10 decimal digit / 10H – 10 Hex digit
Write Text : fill in 10D or 10H for card programming
Read Text : will show card ID when read
ADD : increase card ID number value automatically when card programming
Read Card : read Card ID
Write card : write card ID
Auto Write LEXIS Card : write card with the "ADD" value automatically
Stop : stop Auto Write LEXIX card operation

Check Card Exit - check duplicate ID card is existing or not

(Meun 2) To ISO11784/11785 format – set card format to ISO11784/11785

🔊 LEXIS CARD programmer				
Com Port 3 Controll	10 System Clear Link			
Write AND Read Block Data Success				
To EM4001 format	To ISO11784/11785 format			
	Read Block			
Reserved: 2-15bit	Write card			
DATA BLOCK: 16bit	Auto Write LEXIS Card			
Country ID: 17-26bit	Stop			
National ID: 27-64bit 123456789012	Check Card Exit			

Com Port : set com port No.

Buzzer : set buzzer on/off and turn on timer

System : Link - connect with PC / Clear - disconnect with PC

Data format :

Animal FLAG : 1 for animal / 0 for non animal

Reserved Bit : 2-15 bit

DATA BLOCK : 16 bit

Country ID: 17-26 bit

national ID : 27-64Bit

ADD : increase card ID number value automatically when card programming

Read Block : read Card ID

Write card : write card ID

Auto Write LEXIS Card : write card with the "ADD" value automatically

Stop : stop Auto Write LEXIX card operation

Check Card Exit : check duplicate ID card is existing or not

Error Message - verify block data fail

- the R/W card is not within the reading range
- No input full 10 digit ID
- Incorrect Data format input
- No communication with PC