



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

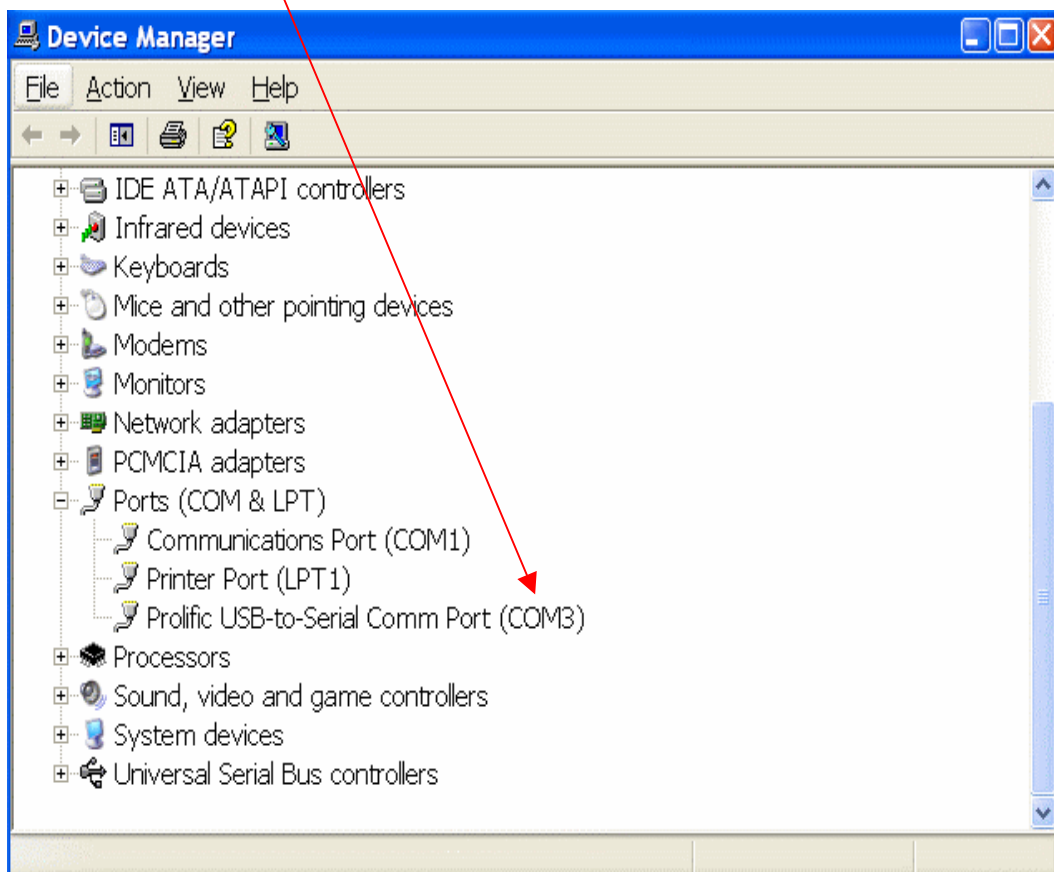
For WINDWOS XP - run CD path:\USB driver\PL-2303 Driver Installer.exe

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

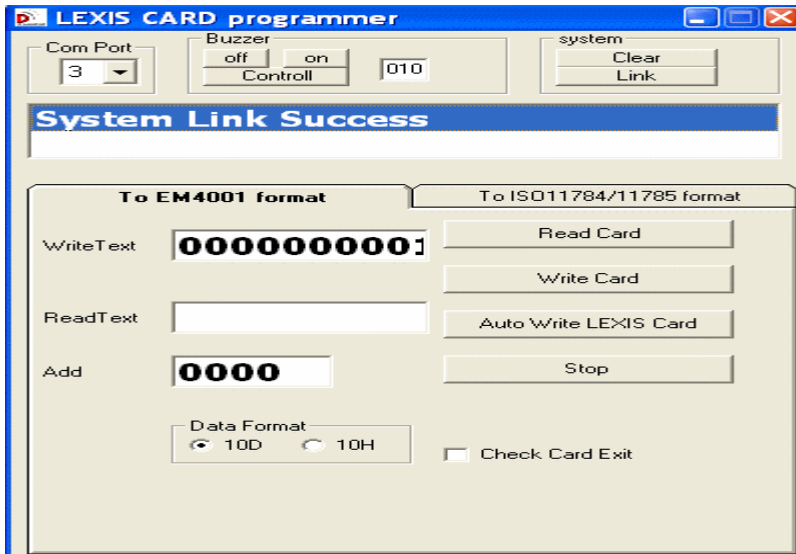
[4] the virtual com driver will be found from the system manager as follow :



Writer Program - user guide

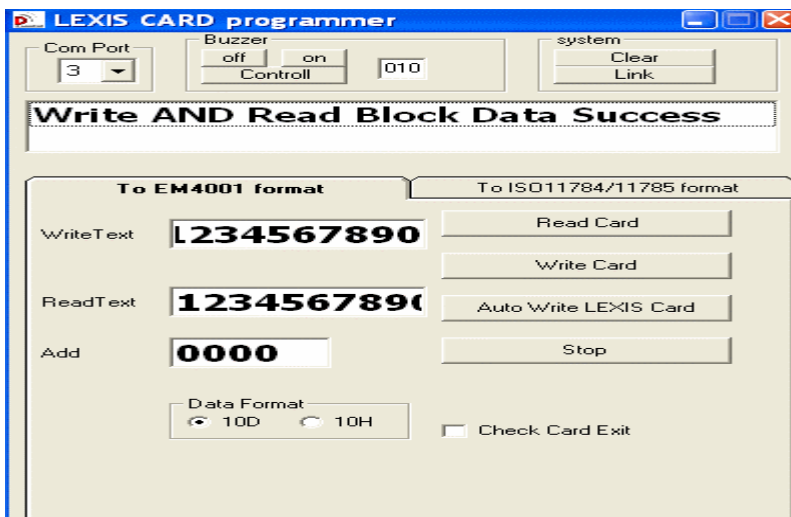
Setup connection

- [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 :



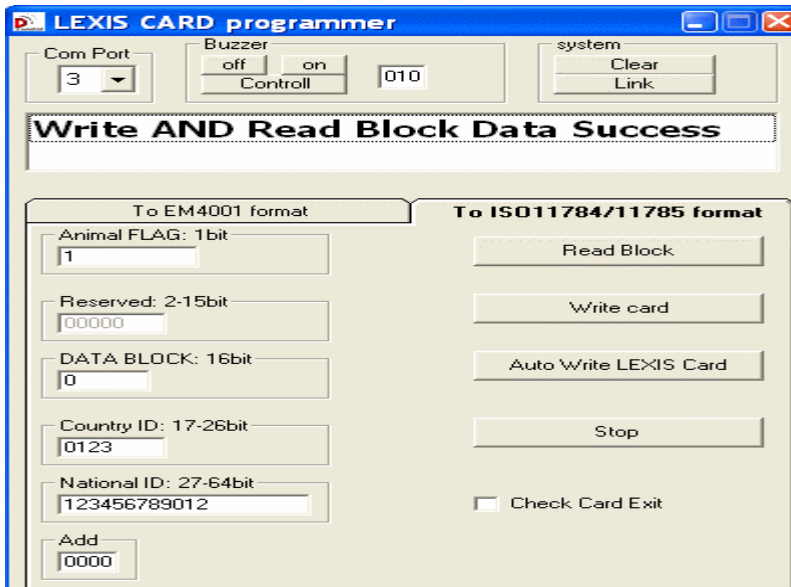
How to duplicate a EM4001 card

- [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



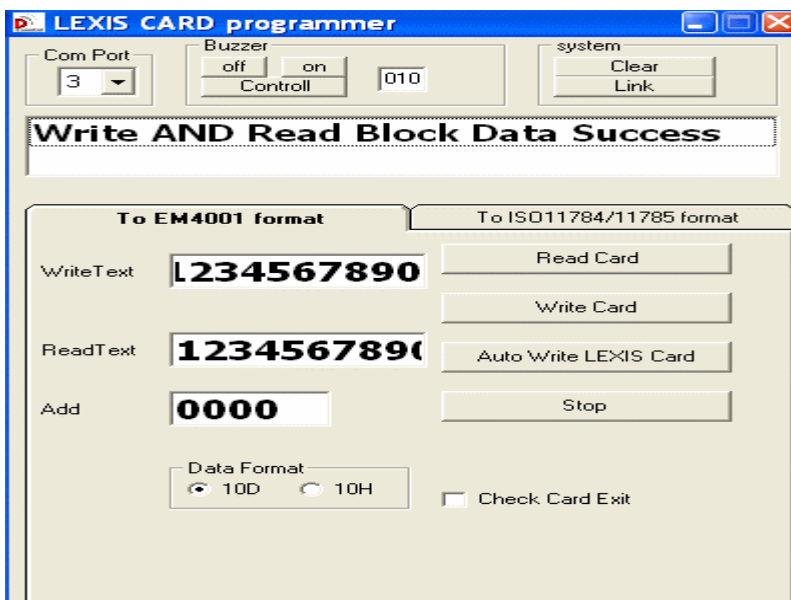
How to program the ISO11784/11785 format

- [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



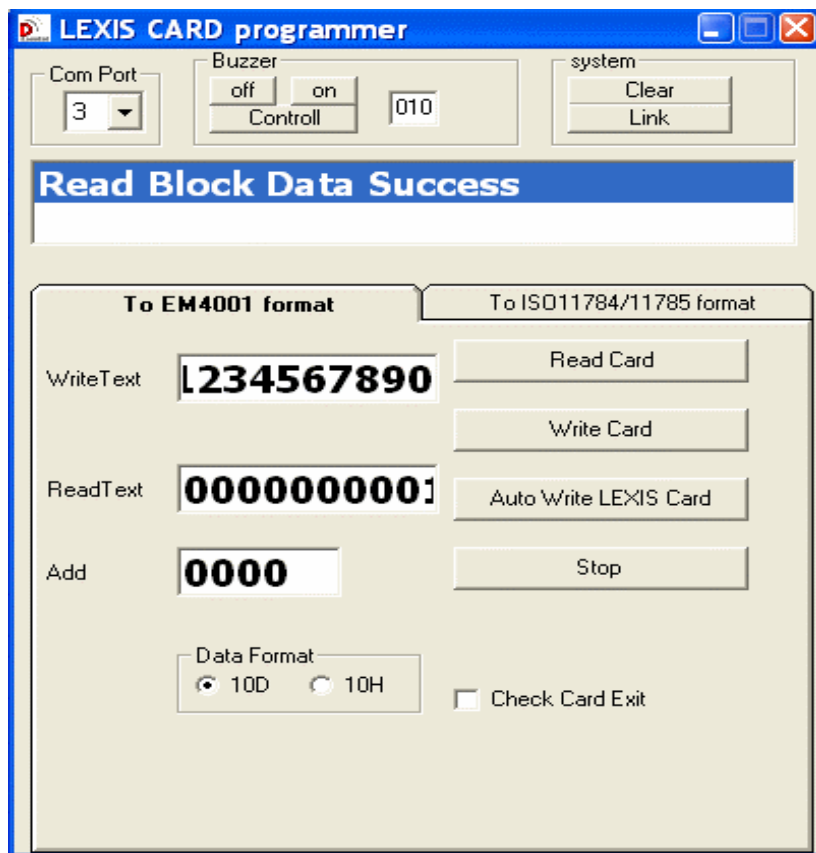
How to program the EM4001 format

- [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



Program Description

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



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

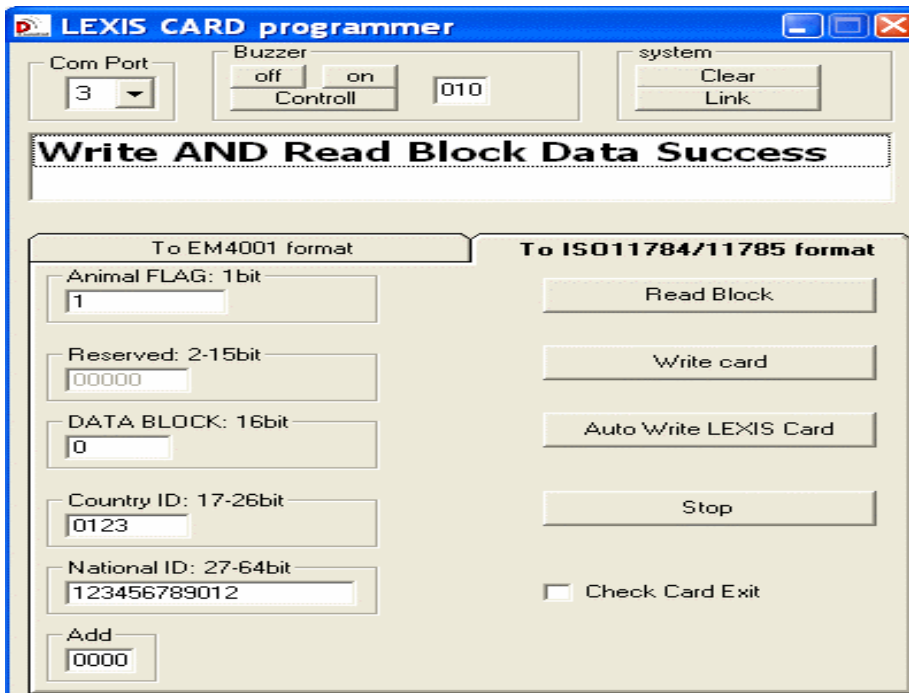
Read Card : read Card ID

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



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