

HF-TP-RW-USB - driver installation guide for Windows XP , 2000 & Vista

Remarks :

Don't connect the USB reader with the PC before completed the following

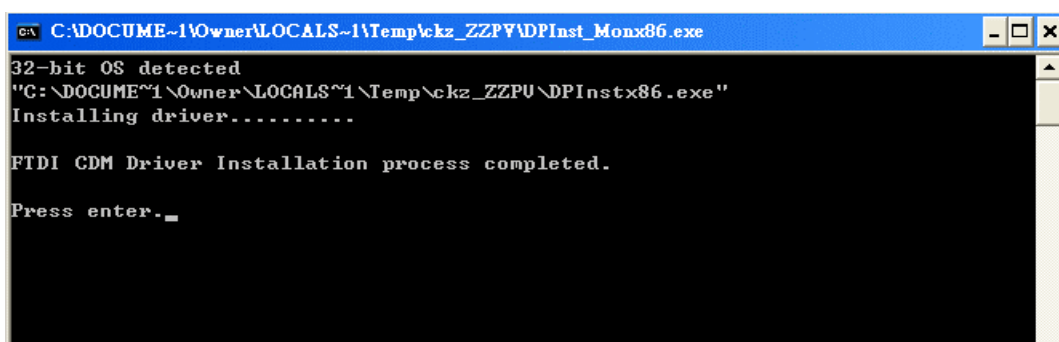
auto USB driver setup

[1] insert the USB driver disk to CD-ROM :

run the auto setup program from the following path :

cd-rom drive : \auto_setup_xp_2000_vista.exe

after installation you will find the following message and press enter .

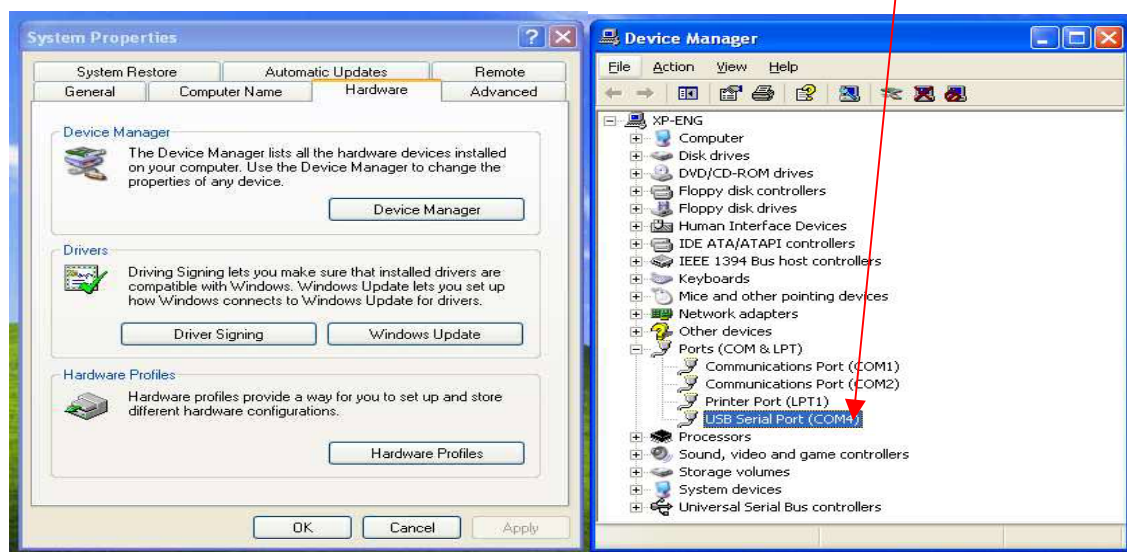


```
C:\DOCUME~1\Owner\LOCALS~1\Temp\ckz_ZZP\DPInst_Monx86.exe
32-bit OS detected
"C:\DOCUME~1\Owner\LOCALS~1\Temp\ckz_ZZPU\DPInstx86.exe"
Installing driver.....
FTDI CDM Driver Installation process completed.
Press enter._
```

[2] use the USB cable to connect the USB reader to the PC's USB port.

The PC will find the reader and install the "USB to Com port" driver automatically.

[3] under /control panel/system/hardware/device manager/port(COM & LPT) , you will find "USB Serial Port (Com4)" (may be see other no. of COM, not COM4 which depend on your PC's hardware configuration) - installation successfully



Demo program installation

Run the demo program from the following path :

VB.Net : cd-rom drive\\demo program & source code\VB_Net\RR3036DemoVB.EN

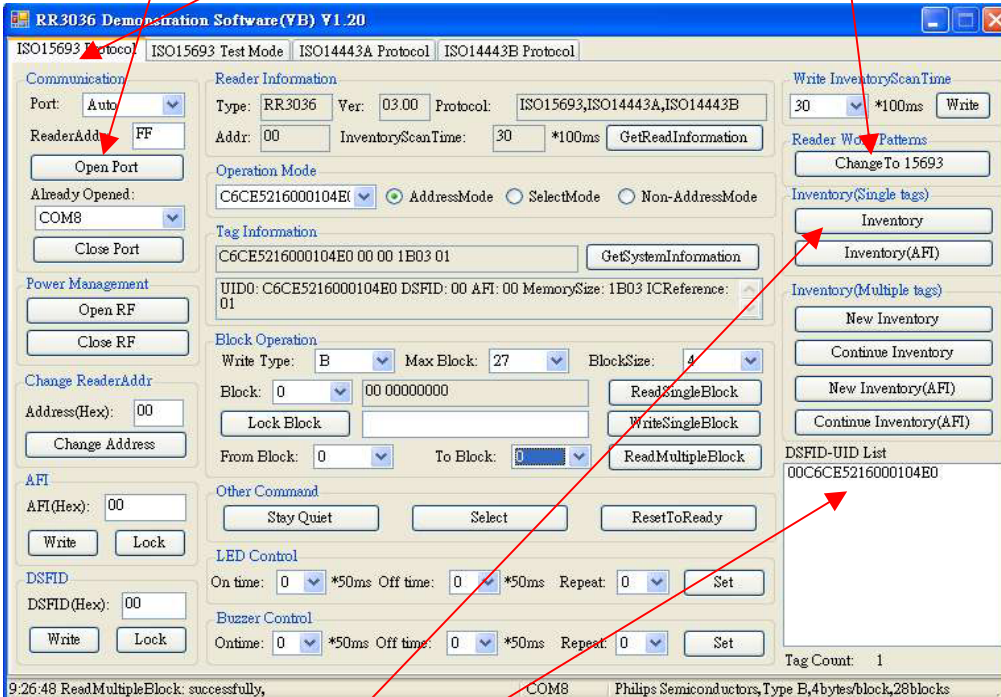
Csharp : cd-rom drive\\demo program & source code\Csharp\RR3036DemoCSharp

Delphi : cd-rom drive\\demo program & source code\Delphi\RR3036Demo

For model : HF-TP-RW-USB - Demo program (ISO15693)

[1] click on "open com" - will show com port # if the communication is correct.

[2] Select "ISO15693 protocol" from menu and click on "Change to 15693"



How to read single ISO15693 tag

[1] place a ISO15693 Tag on the reader

[2] click on "Inventory" from Inventory (Single tags)

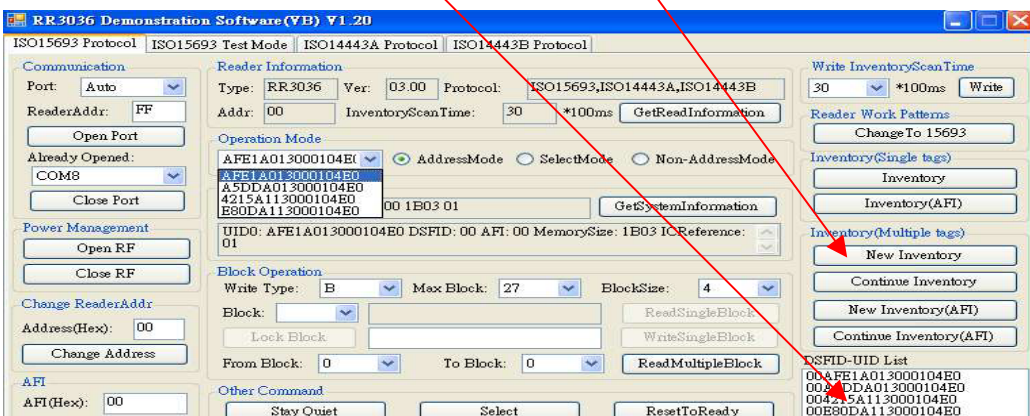
[3] UID will be shown here

How to read multiple ISO15693 tag

[1] place some ISO15693 Tags on the reader

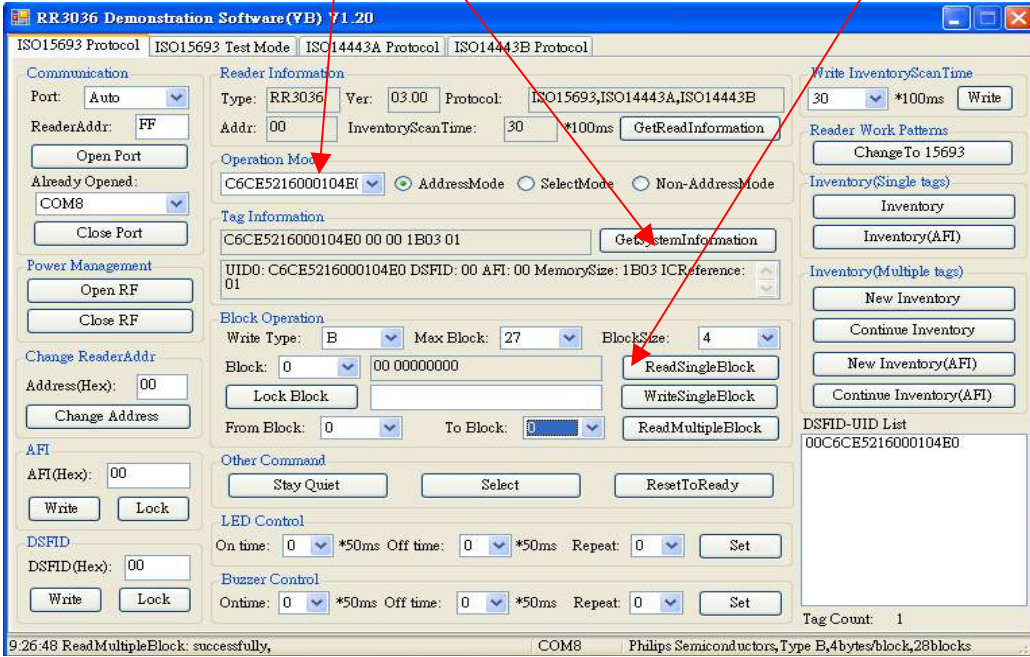
[2] click on "New Inventory" from Inventory (Multiple tags)

[3] multiple tag UID will be shown here



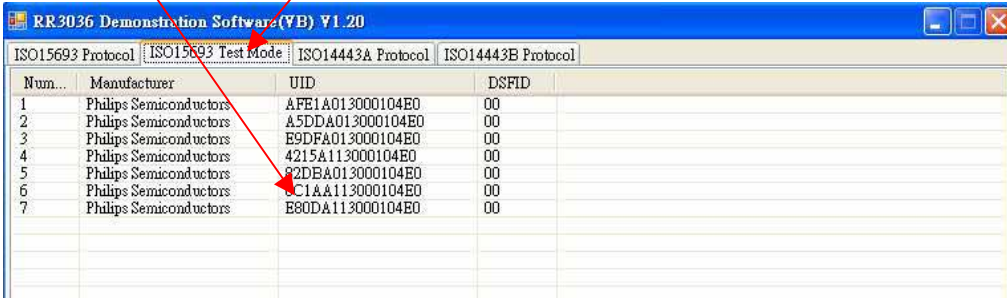
How to read/write ISO15693 tag

- [1] click on "operation Mode" to select the tag
- [2] click on "GetSystemInformation" to get tag information
- [3] select the single or multiple block# to read/write from "Block Operation"



ISO15693 Test Mode

- [1] place some ISO15693 tags on the reader
- [2] click on "ISO15693 Test Mode" and "open test mode"
- [3] Multi tags UID will be shown as follow :

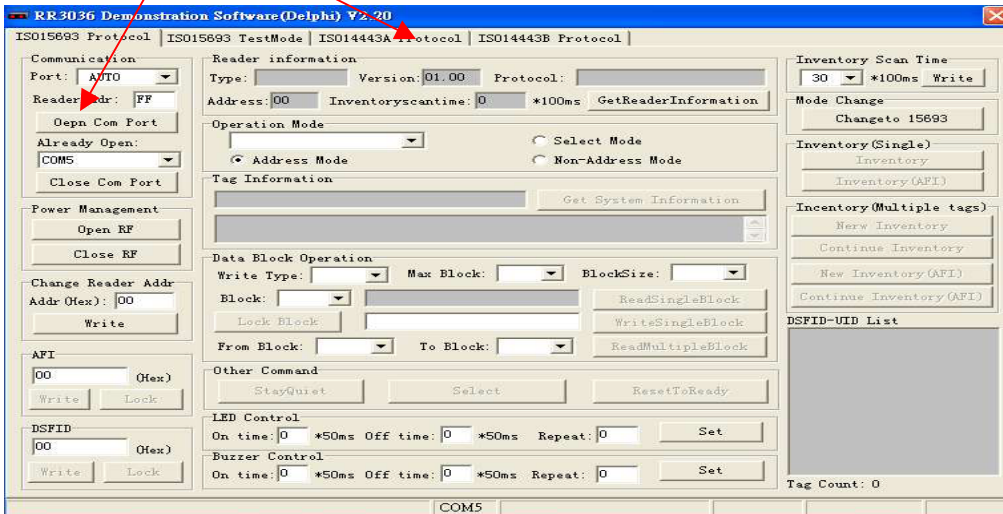


Remarks :

For other operation & read/write flow , pls refer to the RR3036 Protocol manual & ISO15693 Tag's datasheet in detail

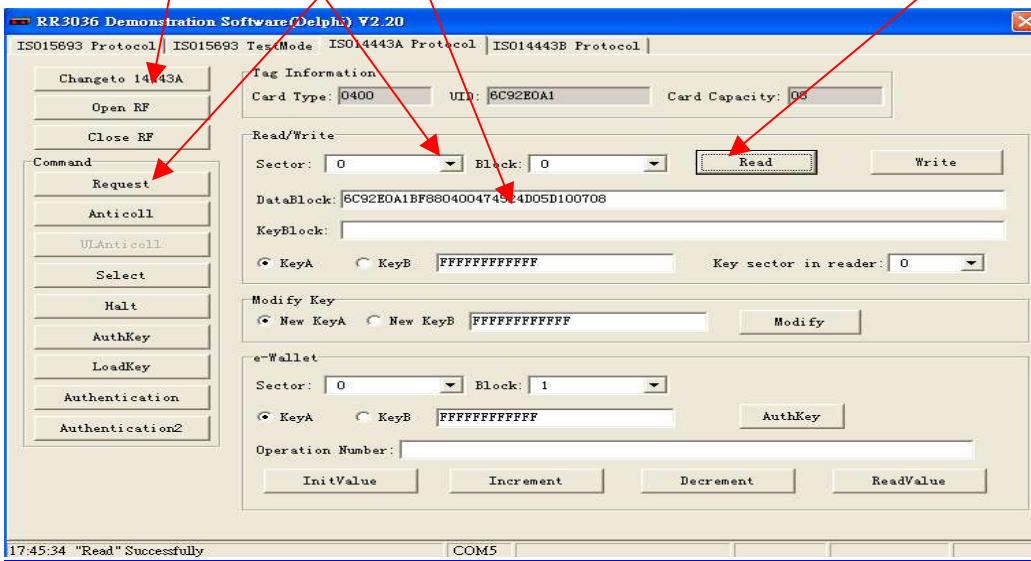
For model : HF-TP-RW-USB - Demo program (ISO1443A)

- [1] click on "open com" - will show com port # if the communication is correct.
- [2] Select ISO14443A from menu



How to read manufacturer block (locate at Block 0 / sector 0)

- [1] place a MF1 S50 ISO card on the reader
- [2] click on "change to 14443A"
- select - sector = "0" and block = "0"
- [3] click on command : "Request" → "Anticoll" → "select" → "Authkey" → "Read"
- ID will shown on screen as follow :



Remarks :

For other operation & read/write flow , pls refer to the RR3036 Protocol manual & Mifare ISO14443A Tag's datasheet in detail