



晶隼科技股份有限公司

公司地址: 30288 新竹縣竹北市台元街28號6樓之11
電話: 03-5525838 傳真: 03-5525938

USER'S MAMUAL

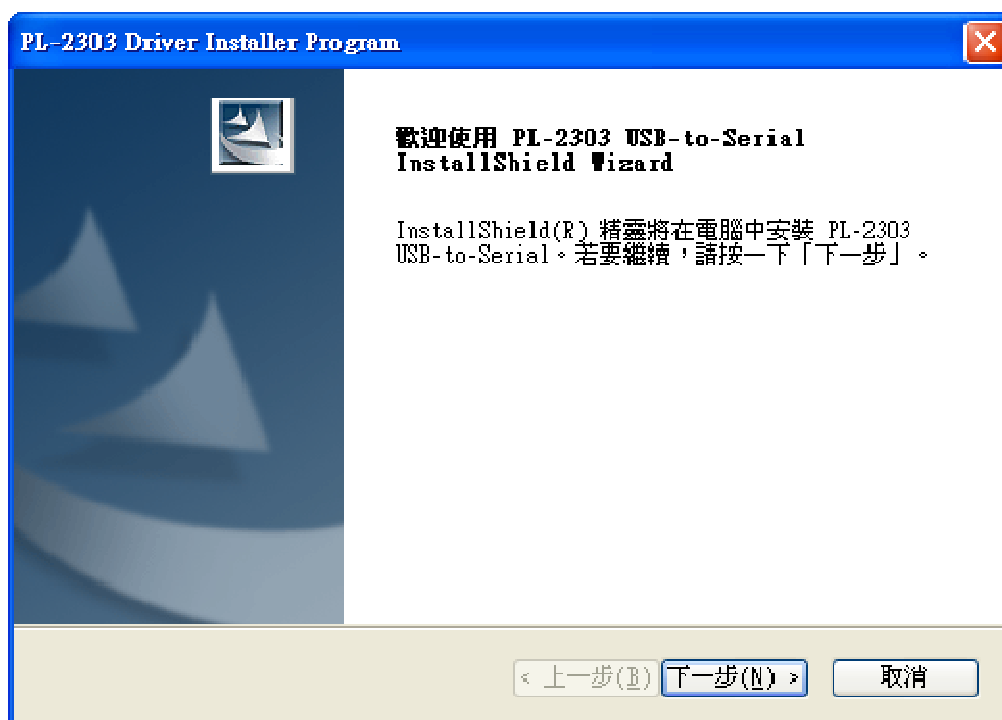
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This user's manual provides a description of a required tools and installation methods for Windows XP (32 & 64-bit) and Windows Vista/7/8 (32 & 64-bit) platform. Below is the tools you need.

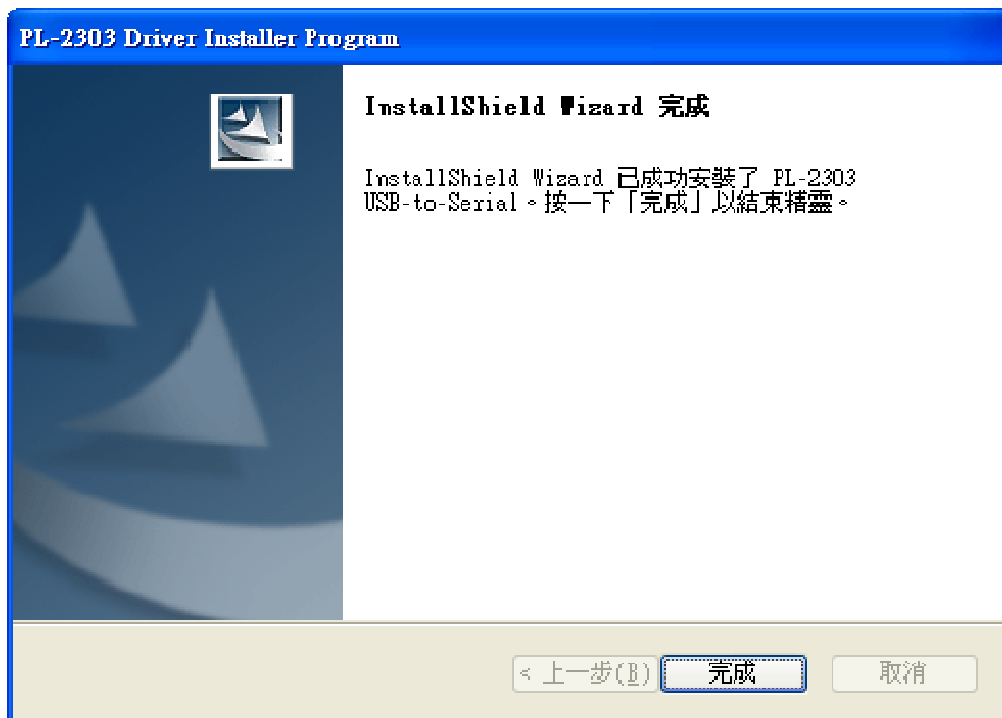
- USB to Serial/UART driver
- FAVEPC Reader Utility

USB to Serial/UART driver

1. First, you need prepare and installation the USB to Serial/UART driver
 - Latest version is PL2303_Prolific_DriverInstaller_v1.7.0.exe [Download address](#)
 - USB device supported OS family include:
 - ✓ Windows 2000/XP (32 & 64-bit)
 - ✓ Vista/ Windows 7 (32 & 64-bit)
 - ✓ Windows 8 (32 & 64-bit)
2. Unzip the PL2303_Prolific_DriverInstaller_vx_x_x.zip
3. Double click the PL2303_Prolific_DriverInstaller_v1.7.0.exe and click [下一步(N) >] to complete the driver installation.



- Click [完成] and system will start installing the driver.



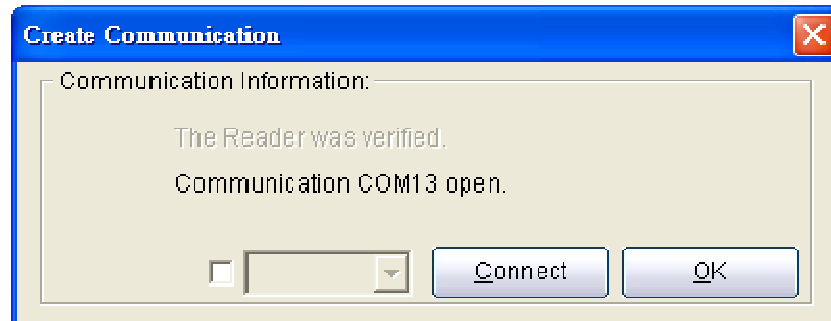
FAVEPC READER Utility

FAVEPC READER Utility is a free installer for Windows programs, it's support for every Windows release since Windows XP. Below is the usage example in Windows XP platform.

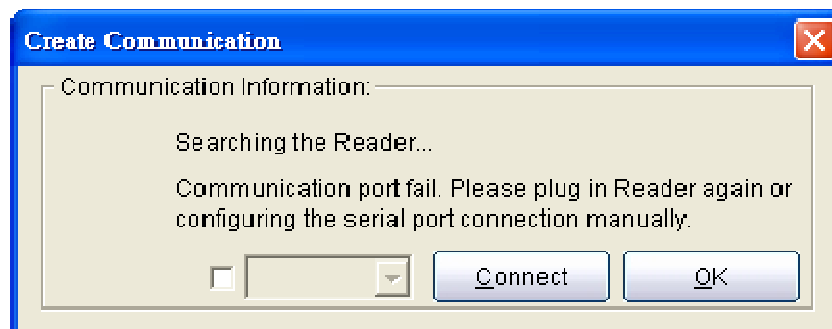
- Double click the utility icon and pop-up the Create Communication dialog. The program will find the Reader automatically.



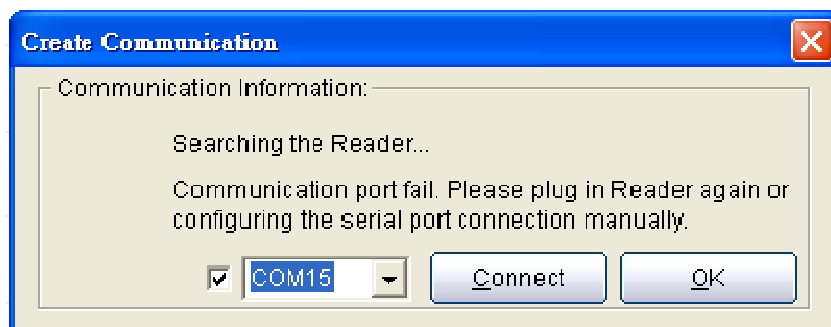
If the program finds READER, the dialog box will show "Communication COM[Num] open", click the [OK] button into the FAVEPC Utility.



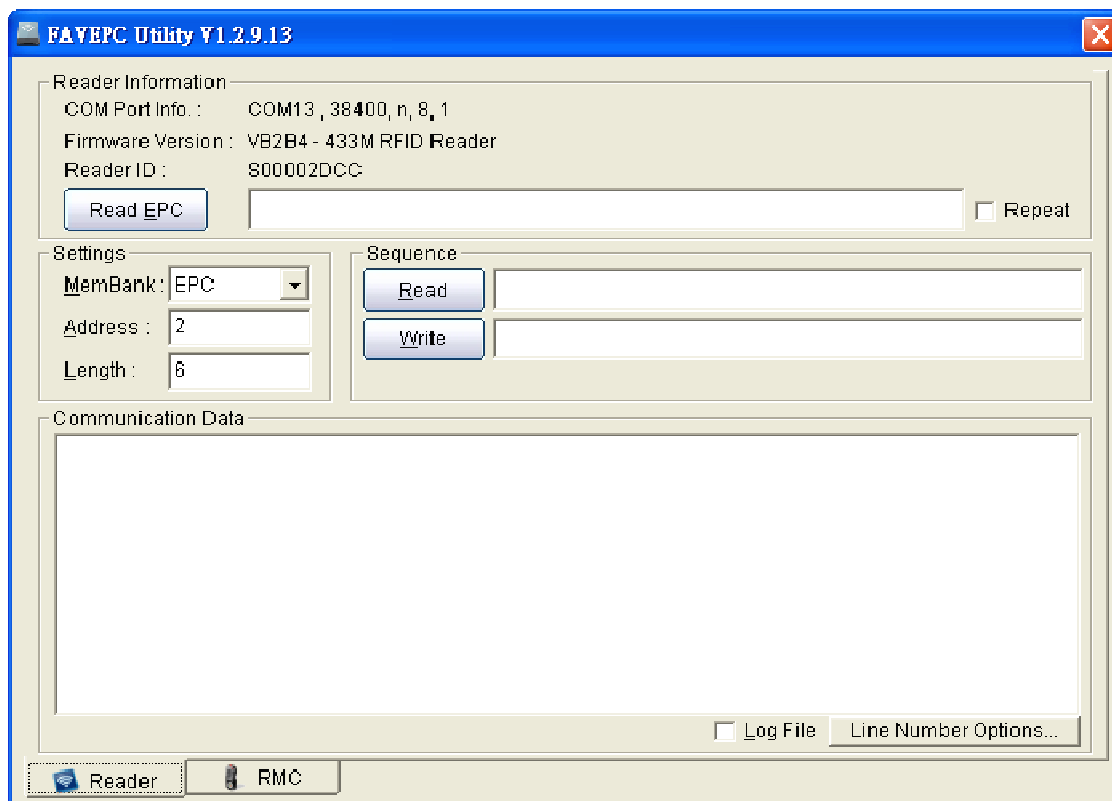
Note : you must plug on the Reader first , otherwise there will be show a prompted message "Please plug in Reader again...". The search process may make a few seconds.



Note : another case is the program can't find READER, then you need to select READER manually. Please click on the left-most check box and pick one of the options in the drop listbox.





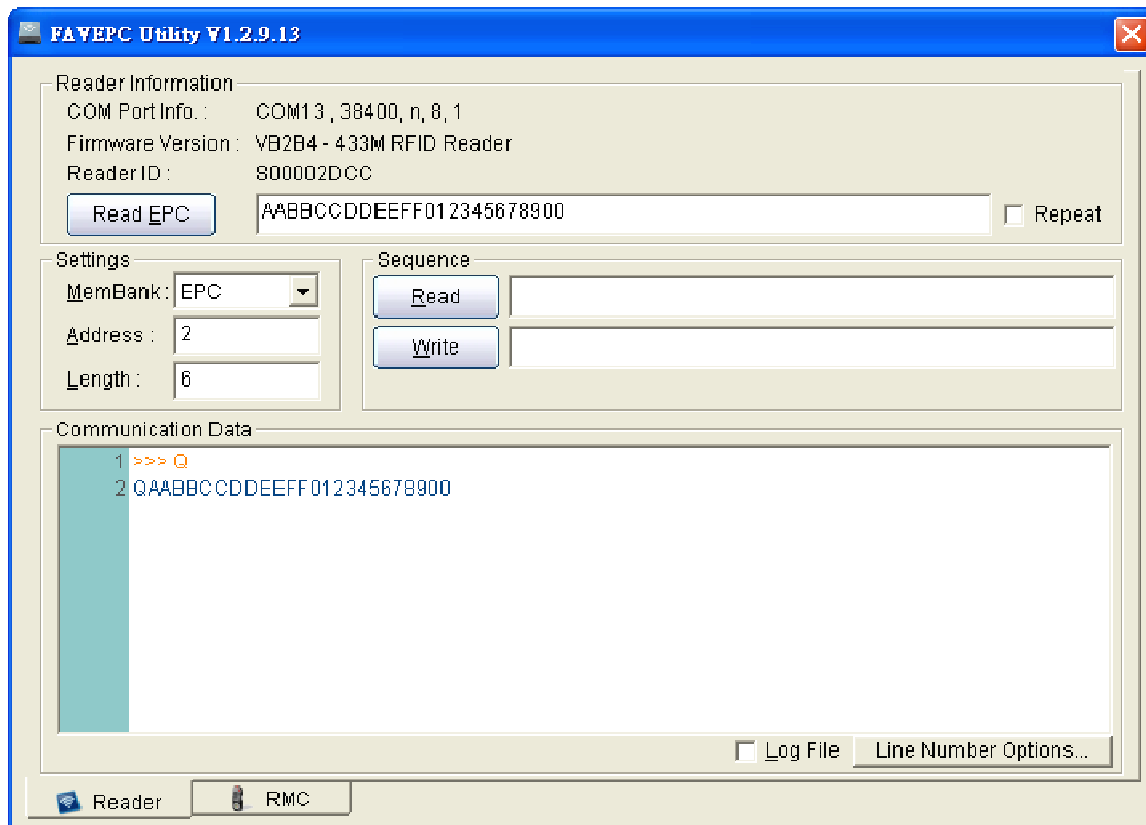
2. The utility default interface. FAVEPC Utility contains two tabs : [Reader] and [RMC].



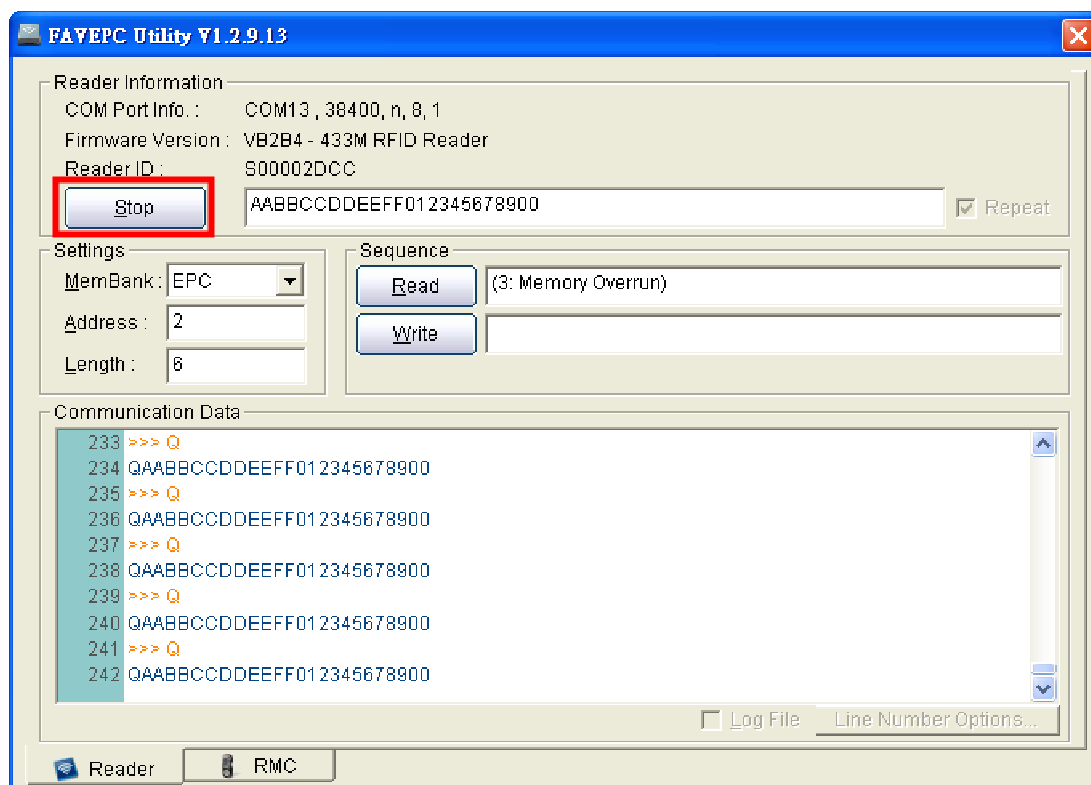
In the Reader Information groups of the Reader tab, there are three Reader information:

- COM Port Info. : Reader connection port
- Firmware Version : Reader Firmware version
- Reader ID : Reader identity number


3. The utility operation is very simple and easy, on the premise that you are necessary to understand the data and memory structure of the tag. For example, you press the  button, the Reader will read EPC memory banks of the tag you have. The EPC value shows on the edit box on the right of  button and Communication Data group. The length of the EPC value is based on the Setting group that you selected. A code such as an EPC that identifies the object to which the Tag is or will be attached beginning at address 20h. The default and fixed length is six words(1 words = 4 letters).




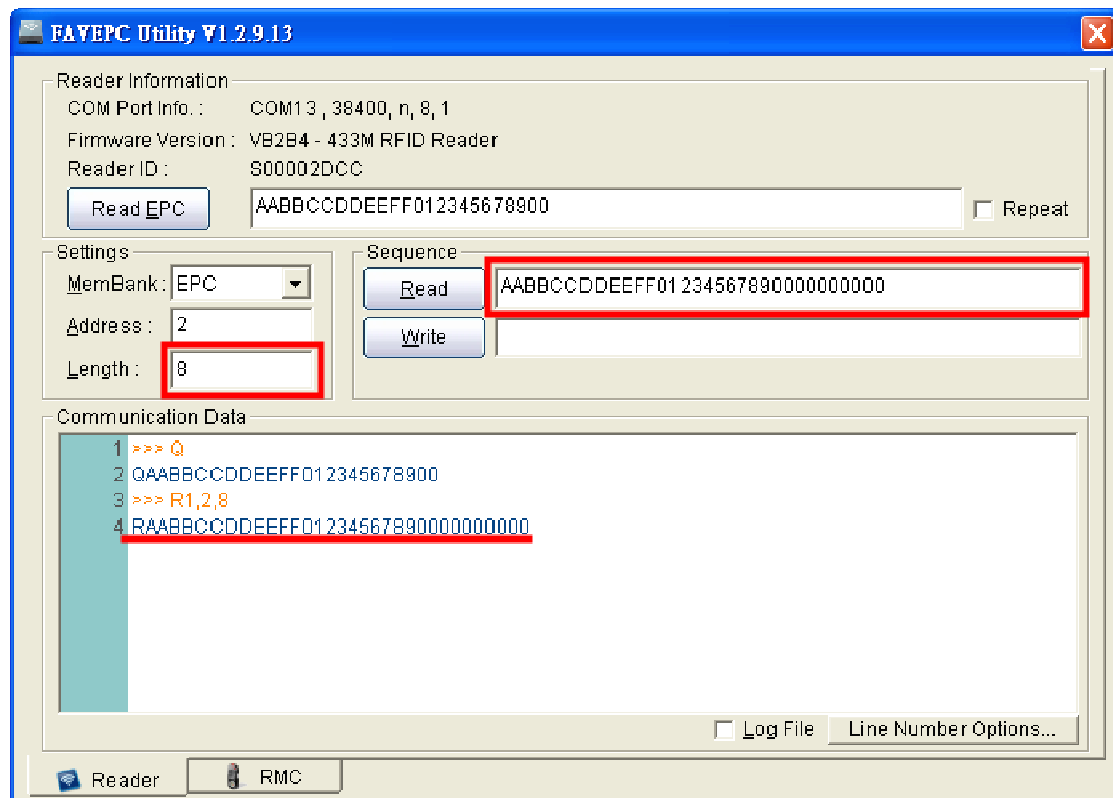
Choose the repeat check box ☐ Repeat and click the button again, the program will always read EPC until the is pressed.



4. How to read the other lengths of the EPC memory?

- Set the Length edit box in the Setting group, for example we pick the length of 8
- Click the  button

The EPC value shows on the edit box on the right of  button and Communication Data group such as red box.



Note: Read length of the physical memory must be in accordance with vendor-specific. If exceeds the vendor-specific defined, you will read the information of the Memory Overrun.

