Quick start – SCIEL READER R

1. *Software setup*

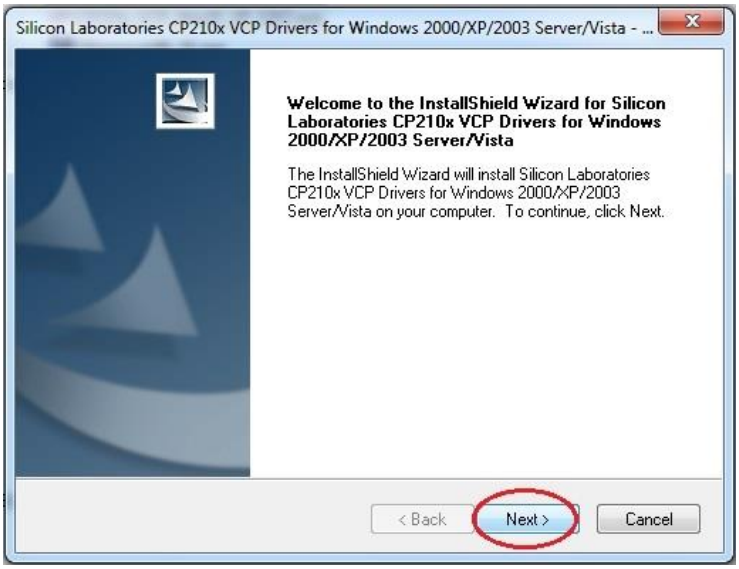
You need two softwares :

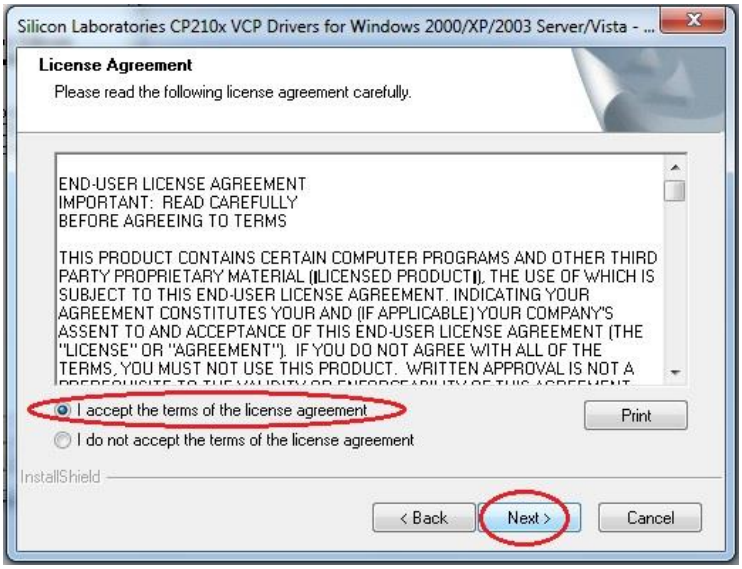
- USB driver
  http://ela.fr/Local/ela/files/183/driver.convert.rs232.usb.zip

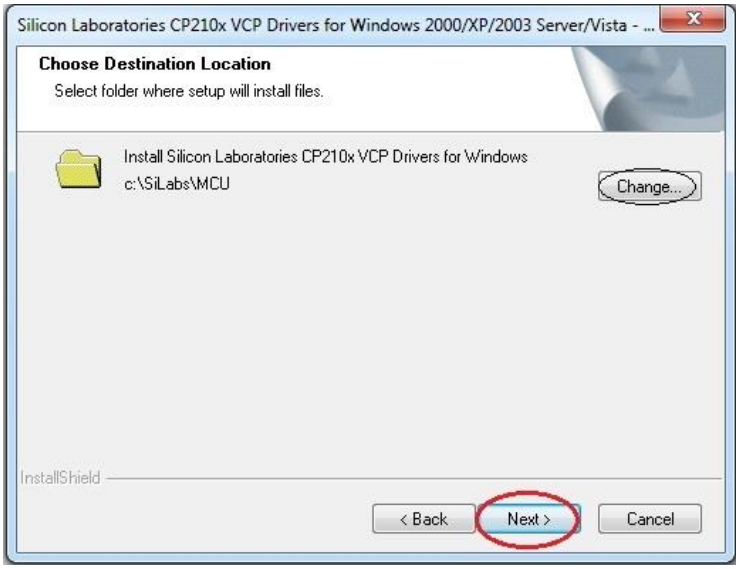
- *ERW* (active tag reading)
  http://ela.fr/Local/ela/files/182/ERMSetup2.0.1.exe

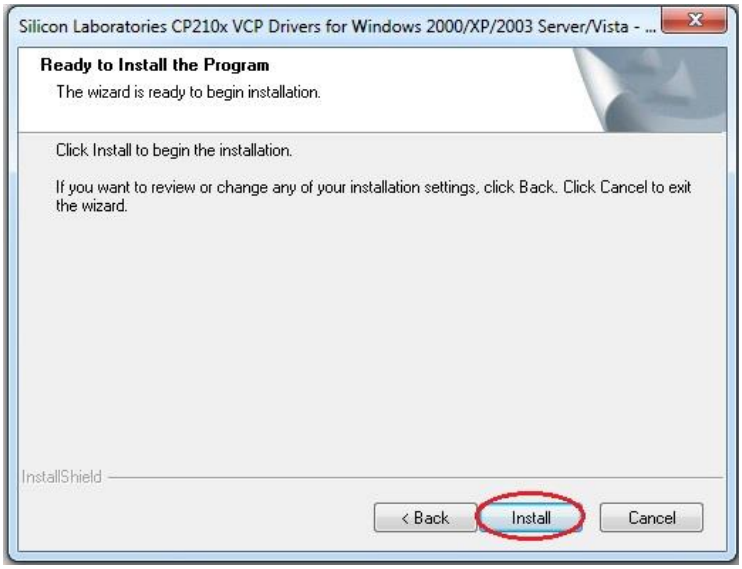
Install the USB driver **before** *ERW*.

The USB driver is included in a *.zip* archive. You can open it either with *7zip* (usually provided with Windows) and *WinRar* (freeware).
This archive contains two executable files. To install the USB driver, you have to run *CP210x_VCP_Win2K_XP_S2K3.exe* , then follow the instructions below.

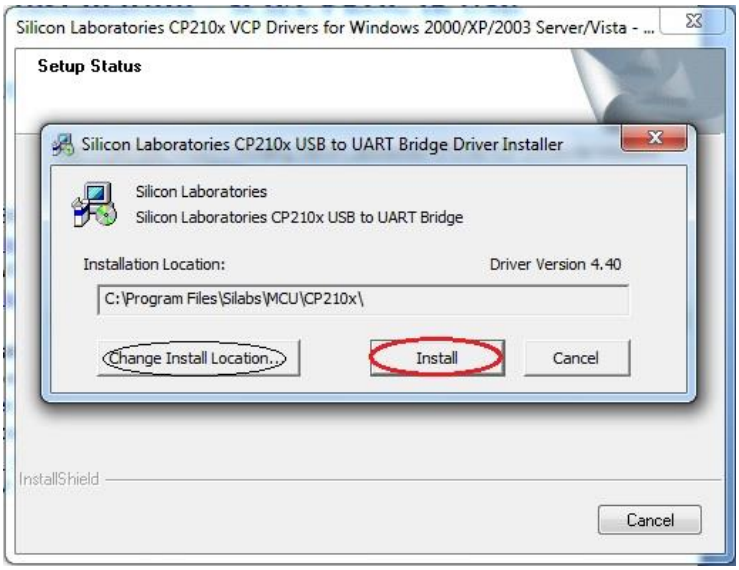


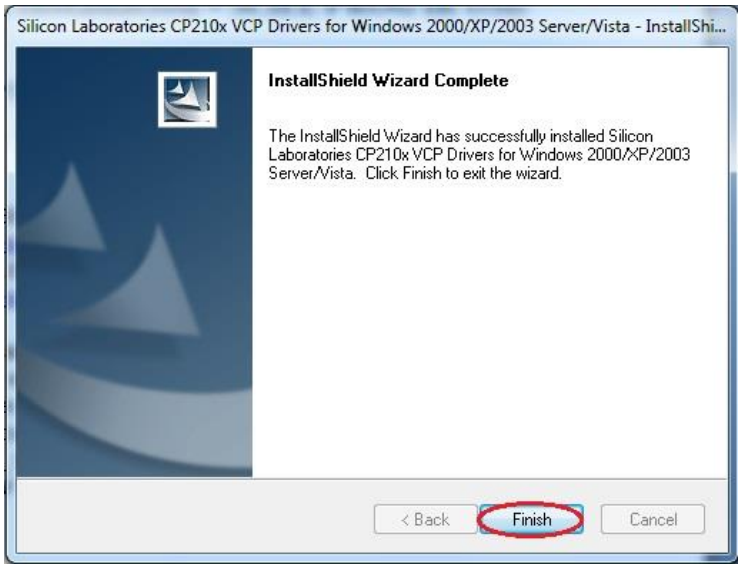






If you wish to install the driver in another directory, click on « Change »

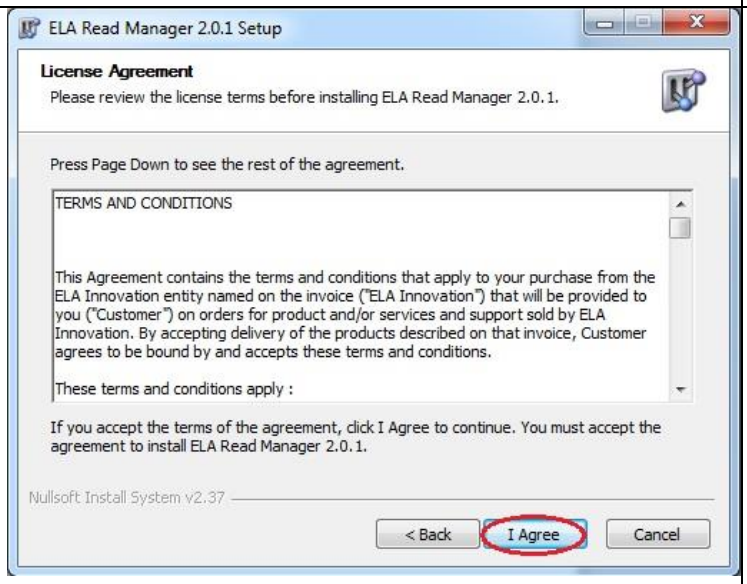


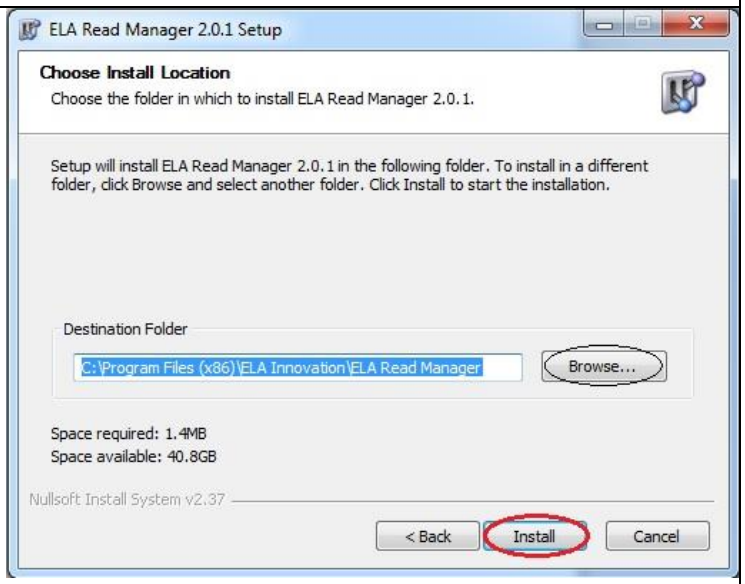


If you wish to install the driver in another directory, click on « Change Install Location »

To install *ERM*, run the file *ERMSetupx.x.x.exe* and follow the instructions below.

Select your language in the drop-down list



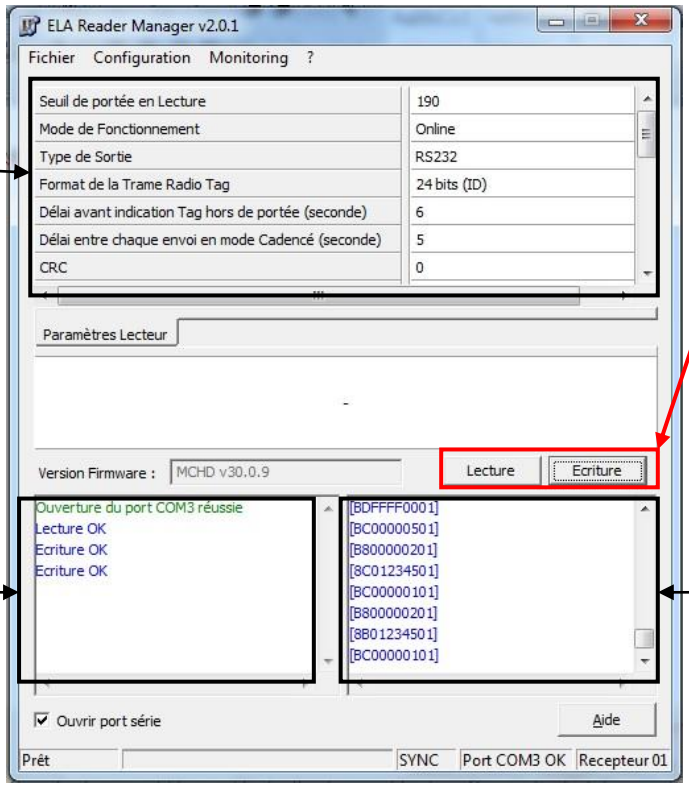


If you wish to install ERW in another location, click on « Browse » and choose the new directory.

If you don't want to run ERW now, deselect the checkbox " Run *ERW* x. x. x "

2. *ERM general overview*

Reader configuration
Seuil de portée : value between 120 and 254
Mode de fonctionnement : modifiy the way datas are displayed



Lecture Reads the actual settings of the reader.
Ecriture : Send the chosen settings to the reader.

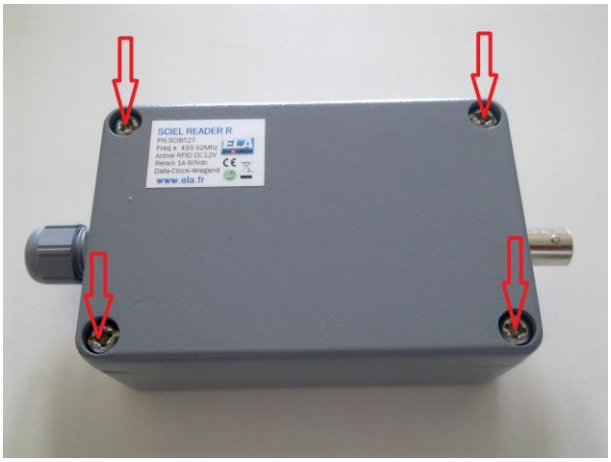
Status window
Displays the actions and the error/success messages.

Real time display for the read data frame
Format : aabbbbbbcc
where
aa : ???
bbbbbb : read tags ID
cc : reader number

3. *Physical setup*

You need *SCIEL READER R*.
An activated RFID tag is also recommended to test it. Program it with an easily recognizable ID (ex : 012345) and with a short transmitting period (ex : 2.5s).

To plug the USB cable between the reader and your computer, follow the instructions below.



Remove the 4 screws and open the housing.

Remove the housing cover and locate the USB-B female plug.

Plug the supplied USB cable between the reader and your computer.
If you do not have it, you can use a standard USB-A to USB-B cable instead.

Launch *ERM*.

- If you get the message « Ouverture du port COMx réussie » then the reader is well detected.
  To make sure the reading works, choose the *Online* mode, then click on *Ecriture*.
  If you see your tag's ID, **the the reader is ready to work !**

  Si vous voyez l'ID de votre tag s'afficher, alors **le lecteur est prêt à fonctionner !**

- If you get the error message « Erreur à l'ouverture du port COMx », follow the procedure below.

  - Open the **Devices Manager** :
    In **Windows XP** or older : *Start* > right click on *My Computer* > *Manage* > *Device Manager* (at the left side of the window).
    Sous **Windows Vista**, **7** ou **8** : *Start* > right click on *Computer* > *Manage* > *Device Manager* (at the left side of the window).

  - Find the **COM port** the programmer is connected on :
    In the *Device Manager*, click on **« *Ports (COM & LPT)* »**
    You should see a list of devices.
    Find the line **« CP210x USB to UART Bridge Controller (COMx) »**.
    The port of your programmer is **« COMx »**, with 'x' a number.

  - Select this **COM port** in *ERM :*
    Go to *Configuration* > *Port Série.*
    Select the good COM port in the drop-down list.

  - To make sure the reading works, choose the *Online* mode, then click on *Ecriture*.
    If you see your tag's ID, **the the reader is ready to work !**