

MHC PCI Express cards- Manual installation.

Introduction

MHC PCI Express cards are now supported by Sarin's Applications.

The MHC PCI express card can be installed on all Sarin versions.

Currently, the installation of the MHC PCI express cards requires manual driver installation and settings changes, in future versions, those operations will be done automatically (Advisor 5.0 and Instructor 2.6) till then, you will have to perform the following actions:

1. Install the "bridge" driver: "*Windows_XP_S2K3_Vista_7*"
2. Modify the back light configuration key: "*Delay After on*" value to 550

In addition to the software changes the "short" cable which used to connect the MHC card to the com port (image 2) was replaced by USB cable.(Image 1)

The purpose of this document is to guide the technicians how install the MHC PCI Express card.

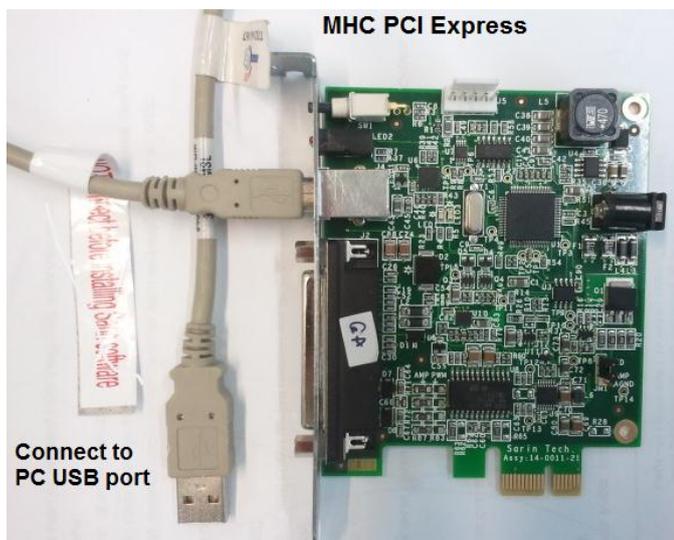


Image 1: MHC PCI Express card + USB cable

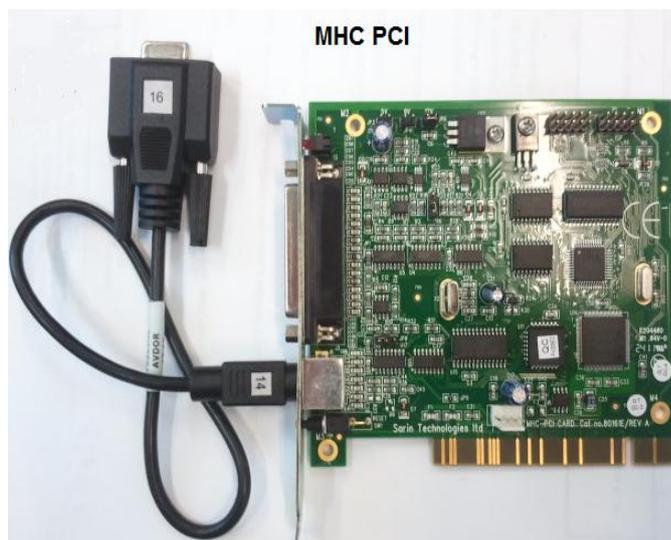


Image 2: MHC PCI card

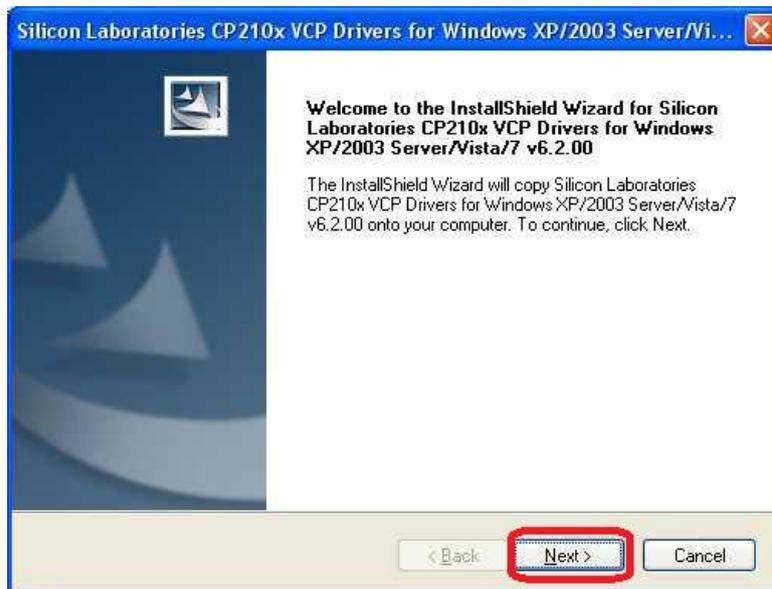
Installation Instructions for the “bridge” driver

The driver locate in the Sarin Installation CD’s under:
“BDR\Windows_XP_S2K3_Vista_7\CP210xVCPInstaller.exe”

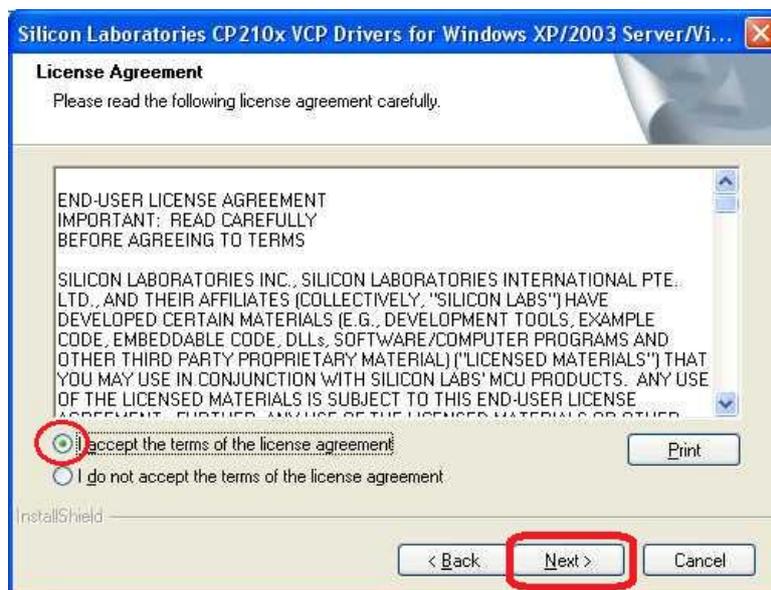
Note: the installation file “Windows_XP_S2K3_Vista_7.exe” which available on Advisor 4.5 or higher versions will perform “quiet” Installation, quiet installation mean that there are no messages during the installation process.

1. Double click on the file: “Windows_XP_S2K3_Vista_7.exe”

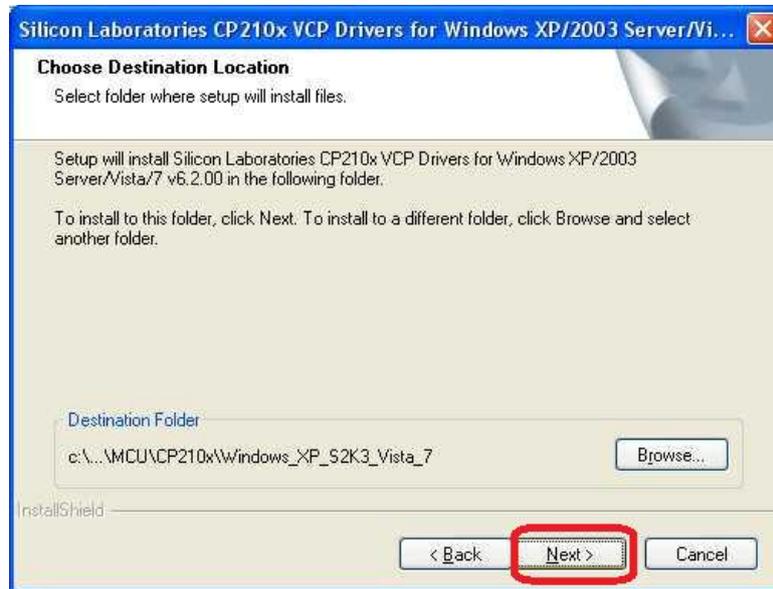
The following screen will pop-up, click “Next” to proceed.



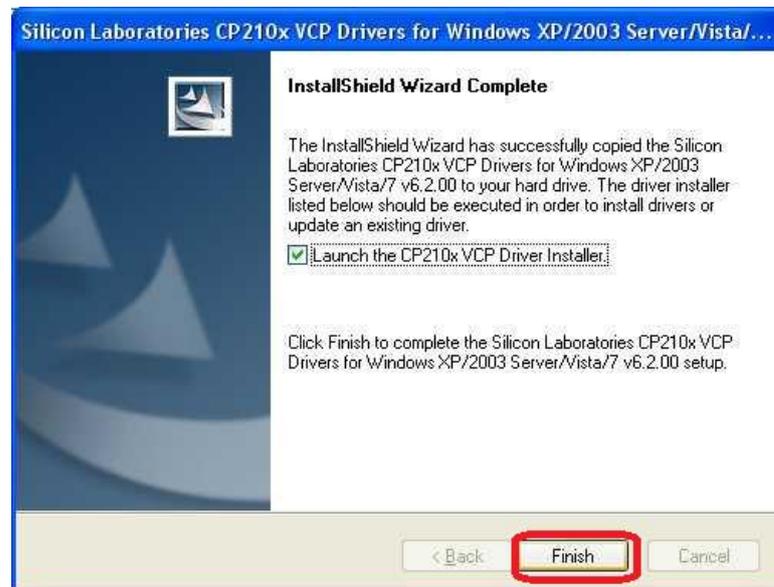
2. Select the first radio button: “I accept the terms of the license agreement” and click “Next”



3. Chose destination folder and click **“Next”** to proceed



4. Click the **“Finish”** button to end the installation process.



Modify the configuration key “Delay after on” key to 550 [ms]

The second step that has to be done in order to complete the MHC PCI express card manual installation is to set the “Delay after on” key to 550.

The process:

1. Make sure the application is shutdown while editing the Cnfg file.
2. Open the file SarinData.cnfg → software → Sarin → Hardware → Lights → LightRS232
3. Set the “DELAY AFTER ON” Value to “550”
4. Click on “Apply Changes” button
5. Click on “Close” button
(See the image below)

