

IC-3USB Interface Kit Installation Guide

Unpacking

You should find the following items:

- 9-to-15-Pin Adapter (61-000043-03)
- USB-to-Serial Cable (61-000044-02)

You will also need:

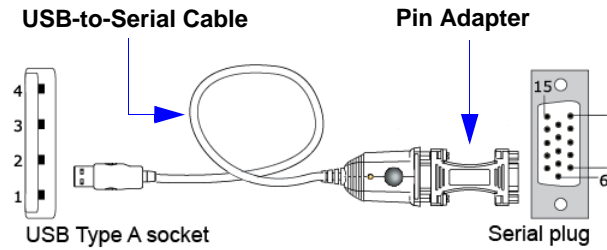
- A Microscan reader
- A host computer with Windows Vista, XP, or 2000
- Microscan Tools CD (37-000001)

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Step 1 — Assemble Cabling

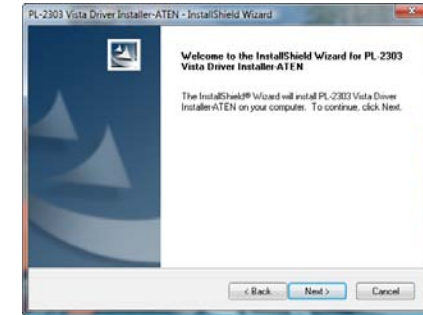
Attach the plug end of the pin adapter to the reader's serial cable connector and the USB-to-Serial Cable.



Power: Reader current + 90mA.

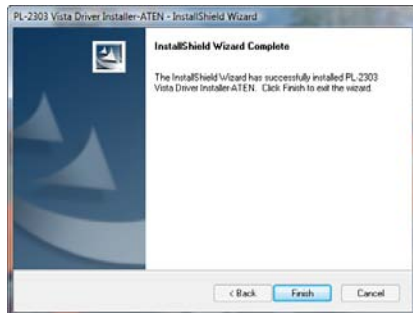
Step 2 — Install IC-3USB Driver (Windows Vista)

1. Insert the **Microscan Tools CD** and click **Accessories** in the navigation column at the left of the screen.
2. Click **IC-3USB Driver (Windows Vista)** to open the driver folder.
3. Open the zip file and double-click the **UC232A_windows vista.exe** file to launch the Setup Wizard.
4. Click **Next** when the Setup Wizard's welcome screen appears.



Step 2 — Install IC-3USB Driver (Windows Vista - cont.)

5. Accept the terms of the license agreement and click **Next**.
6. The Setup Wizard will display a progress bar during installation. At the end of installation, the Setup Wizard will display a screen stating that installation is complete. Click **Finish** to close the Setup Wizard.



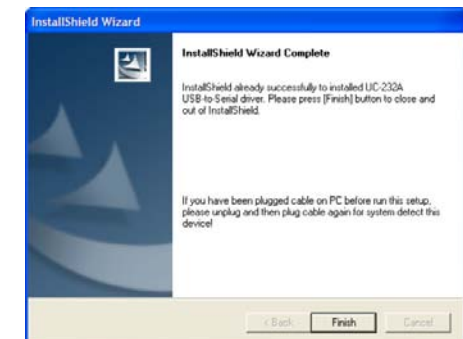
Step 2 — Install IC-3USB Driver (Windows XP and 2000)

1. Insert the **Microscan Tools CD** and click **Accessories** in the navigation column at the left of the screen.
2. Click **IC-3USB Driver (Windows XP)** or **IC-3USB Driver (Windows 2000)** to open the driver folder.
3. Open the zip file to launch the Setup Wizard.
4. Click **Next** when the Setup Wizard's welcome screen appears.



Step 2 — Install IC-3USB Driver (Windows XP and 2000 - cont.)

5. If you are using Windows XP, a compatibility warning may appear. Click **Continue Anyway** to begin installation.
6. When installation is complete, the **InstallShield Wizard Complete** screen will appear. Click **Finish** to close the wizard.



Step 3 — Connect IC-3USB

Windows Vista

Connect the USB socket end of the IC-3USB cable to a USB port on the host computer. A confirmation dialog will appear, stating that the driver has been installed and that the IC-3USB is ready to use.

Windows XP and 2000

1. Connect the USB socket end of the IC-3USB cable to a USB port on the host computer.
2. The **Found New Hardware Wizard** will appear and ask if you want to connect to Windows Update to search for software. Select **No, not this time** and click **Next**.
3. On the next screen, select **Install the software automatically (Recommended)** and click **Next**.
4. If you are using Windows XP, a compatibility warning may appear. Click **Continue Anyway** to begin installation.
5. When installation is complete, the **Completing the Found New Hardware Wizard** screen will appear. Click **Finish** to close the wizard.

Step 4 — Locate Virtual COM Port

The installation wizard creates a virtual COM port that will appear automatically whenever you insert the IC-3USB.

To verify correct installation, go to your Windows Device Manager and click on **Ports** to see the virtual port (highlighted below).



If you remove the IC-3USB from the USB port, the associated COM port will disappear.

Caution: Do not re-insert the IC-3USB into your USB port without first restarting the computer. Doing so may cause the computer to lose other COM port connections and force you to reboot your computer.

Step 5 — Start ESP

When you run **ESP** after installing the IC-3USB driver, you will notice that a new COM port is now available to ESP.



Select the highest available COM port on the list and continue your reader setup in ESP.