How to Update Driver to Support ACTiSYS USB to SIR Serial Adapter
ACT-IR224UN-Li (PL-2303HX Edition (Chip Rev A) inside) in Windows 8/8.1&10 OS

Requirements
Driver Installer & Build date: v1.5.0 (= v3.4.25.218) (10/07/2011)
Windows Vista/7 (32 & 64-bit) Driver: v3.4.25.218 (= v1.5.0) (Compatible with Windows 8/8.1&10)
ACTiSYS USB to SIR Serial Adapter, ACT-IR224UN-Li (PL-2303HX Edition (Chip Rev A) inside)

How to update driver to support PL-2303HX Edition (Chip Rev A) in Windows 8/8.1&10 OS

Note 1: The workaround solution is to manually roll-back the latest driver to an older driver version, driver installer v1.5.0 (= v3.4.25.218) that is compatible with PL-2303HX Edition (Chip Rev A) in Windows 8/8.1 & 10 OS.

Note 2: Microsoft have removed “Start button” in Windows 8 OS. For Windows 8 OS, must needs to install third-party application tools, if user wants to access “Start button”. Microsoft have already added “Start button” with the Windows 8.1 update. Windows 10 OS already have “Start button”.

Note 3: If you are unable to click the links/URLs in this installation guide, please copy and paste the link/URL in the Web browsers.

The following steps will show how to install the device under Windows 8/8.1&10 (32&64-bit) OS.

A. First disable Windows Update from automatically updating your preferred driver software. However, this would affect all devices driver updates.

1. Press “Windows + X” key + “Pause Break” key concurrently on your keyboard, to open the “System” window, click “Advanced system settings”.

Or on the Desktop, right-click in the lower left corner of the screen, you'll see Windows' new “Quick Access Menu (=Power User Menu)”, which includes “System” near the top, click it to open and click “Advanced system settings”.

Or if you're using keyboard, press “Windows + X” key + “X” key concurrently on your keyboard, it can bring up “Power User Menu”, which includes “System” near the top, click it to open and click “Advanced system settings”.

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2. Click on “Hardware” tab, and “Device Installation Settings”.

3. Click “No let me choose what to do” and click “Never installed driver software from Windows Up date.” Click Save Changes.
B. Prolific Driver v1.5.0(= v3.4.25.218) Installation procedure

1. Run or double-click the "ACT-IR224UN-DriverInstaller_v1.5.0-20111021.exe" program first. Do not plug-in the ACTiSYS USB to SIR Serial adapter yet. Unplug the adapter from the USB port before running the driver installation.

   ![ACT-IR224UN-DriverInstaller_v1.5.0-20111021.exe]

   Prolific driver v1.5.0(= v3.4.25.218) download URL:

   ACTiSYS’ cable driver installation video on YouTube - http://youtu.be/6-fUmrZ-sKE

2. The InstallShield Wizard will be displayed to inform you that the PL-2303 USB-to-Serial driver will be installed on your computer. Click Next to continue.
3. The PL-2303 Driver Installer program will then start to install the drivers needed. Click the “Finish” button to close the InstallShield program.

4. On the Desktop, right-click in the lower left corner of the screen, you'll see Windows' new “Quick Access Menu(=Power User Menu)”, which includes “Control Panel” near the bottom, click it.

Or if you're using keyboard, press “Windows + X” key concurrently on your keyboard, it can bring up “Power User Menu”, which includes “Control Panel” near the bottom, click it.

Or On the Desktop, open the Charms bar by pressing “Windows key + C” key concurrently on your keyboard or moving your mouse to the right hand corners of the screen, click “Settings”, click “Control Panel” from the list like Desktop, Control Panel, Personalization, PC info and Help.
5. Click “Uninstall a program” under Programs. Check if “PL-2303 USB-to-Serial” (v1.5.0(= v3.4.25.218)) is installed.
6. On the Desktop, right-click in the lower left corner of the screen, you'll see Windows' new “Quick Access Menu(=Power User Menu)”, which includes “Device Manager” near the top, click it.

Or if you’re using keyboard, press “Windows ⊞” key + “X” key concurrently on your keyboard, it can bring up “Power User Menu”, which includes “Device Manager” near the top, click it.

- Press “Windows ⊞” key + “R” key concurrently on your keyboard, the “Run” dialog box that pops open, type “devmgmt.msc” (without the quotes) and hit “OK”.

7. Plug-in the ACTiSYS USB to SIR Serial adapter to the PC USB port. If the PC is connected to the Internet, Windows will also check Windows Update for any new driver available. It will then download the new driver instead from Windows Update which is not compatible with ACTiSYS USB to SIR Serial Adapter, ACT-IR224UN-Li(PL-2303HX Edition (Chip Rev A)) and will show a yellow mark (error code 10) for device “Prolific USB-to-Serial Comm Port” in Device Manager.
8. To roll-back the driver to the compatible old driver v1.5.0 (= v3.4.25.218), right-click “Prolific USB-to-Serial Comm Port” and click “Update Driver Software…”

![Device Manager screenshot](image1)

9. Click “Browse my computer for driver software” to locate and install driver software manually.

![Browse my computer for driver software](image2)

10. Because the old driver has already been installed, you just click the bottom option “Let me pick from a list of device drivers on my computer” to show the list of installed driver software compatible with the device.

![Let me pick from a list of device drivers on my computer](image3)
11. From the list of installed drivers, look for the driver version 3.4.25.218 [10/7/2011] (= v1.5.0), click it to select and click “Next” to continue.

12. Windows will then install the old driver back to the system.
13. Wait until Windows has successfully updated your driver software. Click “Close” when finished.

14. Plug-in the ACTiSYS USB to SIR Serial adapter to the PC USB port, it recognize as “Prolific USB-to-Serial Comm Port (COMx)”. Right-click on “Prolific USB-to-Serial Comm Port (COMx)”, click “Properties”, select the “Driver” tab to check the driver v3.4.25.218 (= v1.5.0), is the old compatible version.

15. You may now run your software and set the assigned COM port number.
C. Prolific Driver Un-Installation procedure

ACTISYS’ cable driver uninstallation, if wrong driver installed, video on Youtube - http://youtu.be/K0fqwJuubRo

1. First unplug Network Connection and disable WiFi Connection. Plug in ACT-IR224UN-Li and go to "Device Manager", expand "Ports (COM & LPT)", right-click on "Prolific USB-to-Serial Comm Port" and click "Uninstall".

![Device Manager](image)

2. It will prompt for "Confirm Device Uninstall" dialog box, select the check box and click "OK" to start uninstall process.

![Confirm Device Uninstall](image)
3. Unplug ACT-IR224UN-Li and go to “Control Panel”(refer to step 4, on page 4)-“Programs and Features”, select “PL-2303 USB-to-serial” driver and click “Uninstall”.

4. It will prompt for “Modify, repair, or remove the program” dialog box, select the “Remove” and click “Next” to start uninstall process.
5. Select “Yes” to confirm driver uninstallation.

![Uninstall confirmation dialog]

6. Choose “Finish” to close “Uninstall Complete” wizard.

![Uninstall completion message]

Choose “Finish” to close “Uninstall Complete” wizard.
7. Press “Windows ⌘ key + “R” key concurrently on your keyboard. (This can also be done either at Windows 8 Start menu or on Windows 8 desktop.) At the “Run” dialog box that pops open, type “REGEDIT” (without the quotes) and hit “OK”.

8. Go to “HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services”\ delete “Ser2plx86” and “Ser2pl” item if found (Right-click delete). Reboot PC.

9. Please follow “B. Prolific Driver v1.5.0 Installation Steps”, to re-install prolific driver. 
ACTiSYS’ cable driver installation video on YouTube - http://youtu.be/6-fUmZsKE
Enable Network and WiFi connection, after successfully driver installation.
10. During driver re-installation, if it still detects previously installed Prolific driver and prompt following screen, please try for "Modify" or "Repair". In case if you are getting "Failed to Install" prompt screen, please immediately contact ACTiSYS’ Tech-Support(=T-S) [tech-support@actisys.com].

11. ACTiSYS’ T-S team will try to resolve issue using remote access, if still fail to re-install driver, then it’s recommend to purchase current standard version, ACT-IR224UN-Li2(PL-2303TA chip inside), you may contact sales, irda-info@actisys.com.

Please follow this procedure to install remote access software.

a) Install software, "Team Viewer": open web browser → Go to http://www.teamviewer.com/en/download/ → find and click on Windows download link. → look in the section of “Team Viewer full version-Windows” → click on the software download link and install

b) Please advise your Tel, city and time zone, and when is convenient to call you? (Note: Don’t put your Team Viewer ID & PW in E-mail because it’s Confidential!) We will call you and ask for ID & PW of your Team Viewer software.

c) Our T-S will proceed to remove/install/verify/run driver for your Windows OS, remotely.

d) After the above is successful, Be sure to remove Team Viewer from your PC (Control Panel=>Programs and Features, or refer to step 4&5, on page 4&5, select “Team Viewer” and click “Uninstall”, to start uninstallation)!