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Upgrade instructions for using older IrDA Dongles with Windows-11. IR224UN-L+-Win10/11-Dvr-TSPack

ACT-IR224UN-L+ with serial numbers starting with GC or **TA009900 to TA012###** work with Windows-11 out of the box. Serial Numbers in the range of TA000000 to TA009899 are not directly compatible with Windows-11, and require a driver downgrade.

We only recommended the following procedure if acquiring a Windows-11 compatible dongle is not possible. Driver downgrades have the potential to be undone by Windows Updates. It is always good practice to create Windows Restore point from the system control panel as well as a full system back before any driver modifications.

ACT-IR224UN-L+ has Windows native driver support for Windows 7 and above OS until Windows 10. So, there is no need to install any driver.

1) **ACT-IR224UN-L+ Auto-update driver for Windows 7/8.1/10 OS computers:**

Open the device manager. Plug in IR224UN-L+ into the PC USB port. Select "Ports (COM & LPT)", right click on "Prolific USB-to-Serial Comm Port (COM x)", tap on "update driver", click on "Search automatically for updated driver software", Windows will search your computer and the internet for the latest driver software for USB IR adapter and successfully installed it.

2) **ACT-IR224UN-L+ manual download and install driver for Windows 11 OS computers:**

a) Uninstall all the ACTiSYS/Prolific drivers from your system. Unplug the dongle then reboot the system.

b) Download Windows-11 compatible driver:

https://graceindustries.info/downloads/

Windows 11 OS workaround: The ACTiSYS/Prolific driver v1.20.0 (= Windows WDF WHQL Driver v3.8.25.0 (December 7, 2018)) is compatible with Windows 11 OS. Please manually downgrade the Prolific latest drivers to v1.20.0 (=v3.8.25.0 (December 7, 2018)) or any one from the previous versions such as v1.5.0, v1.7.0, v1.8.0, v1.12.0, etc. to make "TA" serial number prefix IR adapter compatible with Windows 11 OS computers.

c) Plug-in the ACTiSYS USB to SIR Serial adapter, ACT-IR224UN-L+ into the PC USB port. It will show as a "PL2303TA DO NOT SUPPORT WINDOWS 11 OR LATER, PLEASE CONTACT YOUR SUPPLIER" under "Ports (COM & LPT)" in Device Manager.

d) To roll-back the driver to the compatible old driver v1.20.0(= v3.8.25.0), right-click "PL2303TA DO NOT SUPPORT WINDOWS 11 OR LATER, PLEASE CONTACT YOUR SUPPLIER" under "Ports (COM & LPT)" and click "Update Driver Software…".

e) Unzip the files, to a temporary directory, that were downloaded in step b) above, then click “Browse my computer for driver software” to locate the temporary directory and install driver software manually.

f) 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.

g) From the list of installed drivers, look for the driver version 3.8.25.0 [12/7/2018] (= v1.20.0), click it to select and click “Next” to continue.

h) Windows will then install the older Windows-11 compatible driver.

i) Wait until Windows has successfully updated your driver software. Click “Close” when finished.

j) Unplug the ACTiSYS dongle, then plug it back in after a ten second wait. It should now be 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 v3.8.25.0(= v1.20.0), is the old compatible version.

3) Open the device manager. Under “Ports (COM & LPT), does it recognize the dongle successfully or show any Windows error code such as Code 19, 28, 39, 43, 56 or something else with yellow exclamation sign? Please send an error screenshot if you are seeing such an error.
Otherwise enjoy the use of your old dongle on Windows-11.