

Unilogic USB communications under Windows 7, 8 & 10

Unilogic USB communications under Windows 10

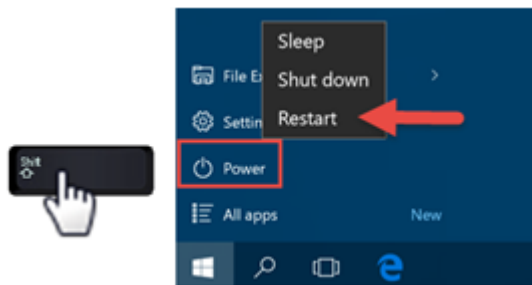
The Unilogic implementation of USB uses the new Windows RNDIS software which is automatically installed as part of the operating system, it does however need a driver and Windows 10 will not allow the installation of unsigned drivers as default. Once Unilogic is installed and running when you try to connect to a Unistream PLC you do not see the connected PLC in the selection window.

In order to install the driver follow the instructions listed below. Firstly turn off the Windows UAC control by selecting Control Panel > User Accounts > Change UAC setting. **Remember to turn the UAC back on after the driver has installed.**

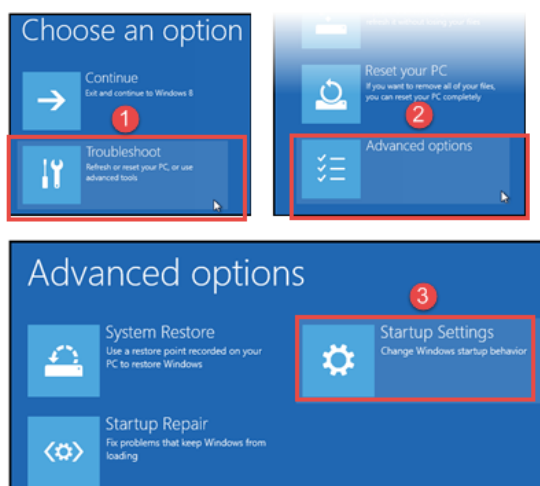
To set Win10 to unsigned USB drivers please follow the instructions below.

Disabling Driver Signature Enforcement

1. Hold down the Shift key while selecting Restart.
2. Restart is located under the Power options menu (Windows 8: located under Charms or on the login screen) (Windows 10: located on the Start Menu).
3. The PC will reboot, enabling you to select Troubleshoot.



4. Select Troubleshoot > Advanced options> Startup Settings.



5. Click Restart, and when Startup Settings opens, press F7 to disable driver signature enforcement; upon restart, digital signature enforcement is disabled. **Digital signature enforcement is re-enabled the next time Windows starts.**

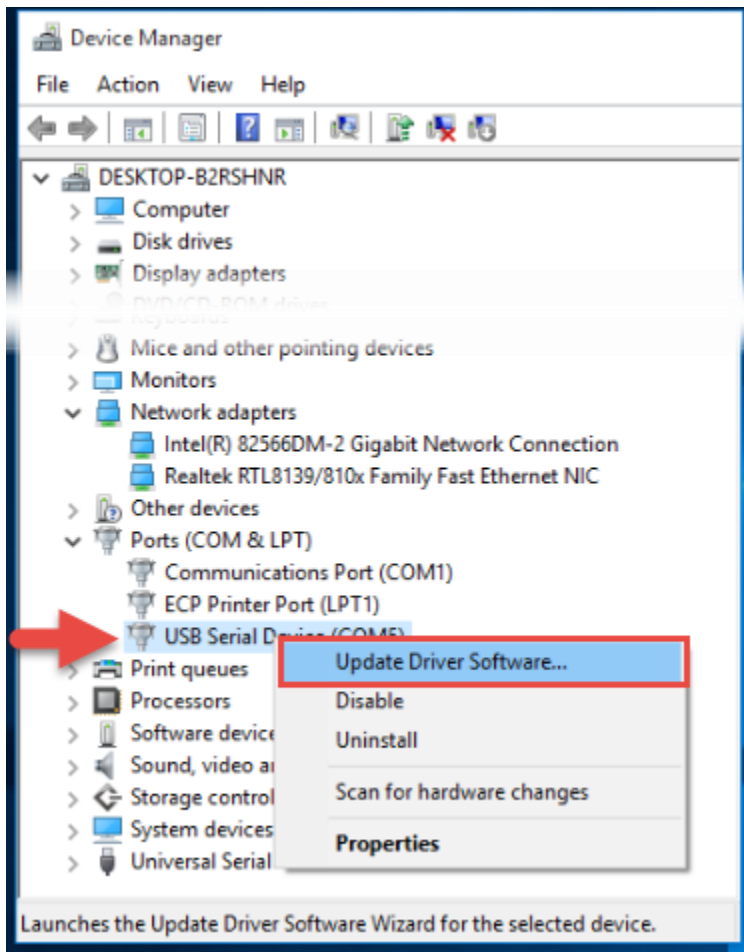
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Manually installing the driver Windows 10

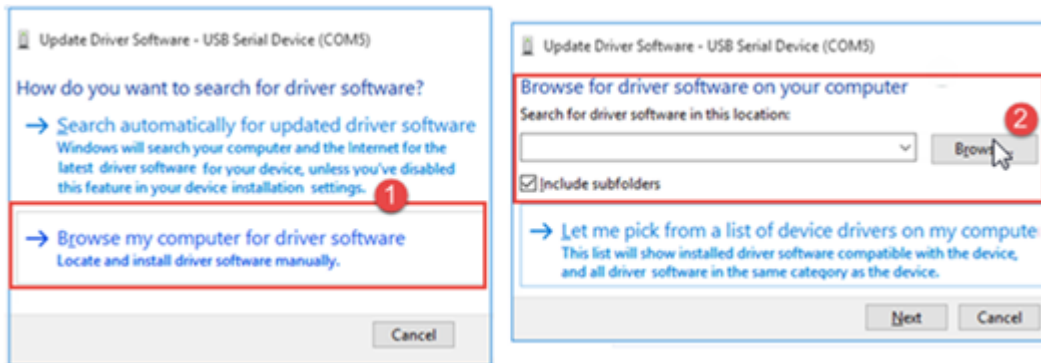
After you install UniLogic, connect your UniStream to your PC and then open Device Manager.

The connected UniStream will appear as a USB Serial Device, which is not correct, right click and select Update Driver Software.

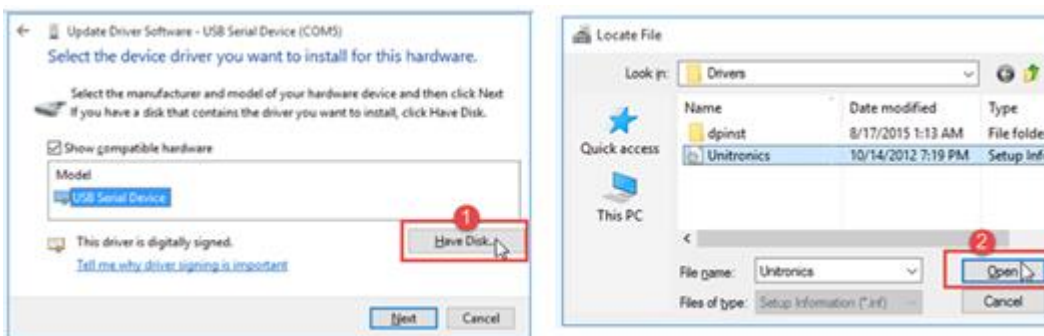


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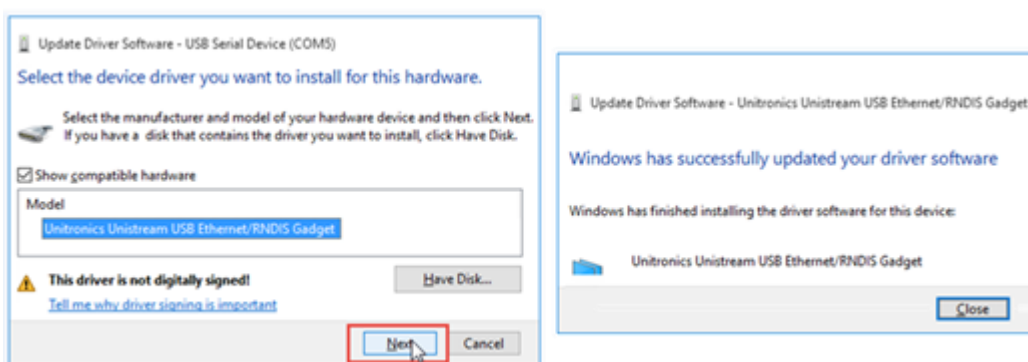
Select Browse my computer software; then click Browse.



Click Have Disk, and then navigate to the driver location, typically C:\ProgramData\Unitronics\UnLogic\Drivers and then click Open.



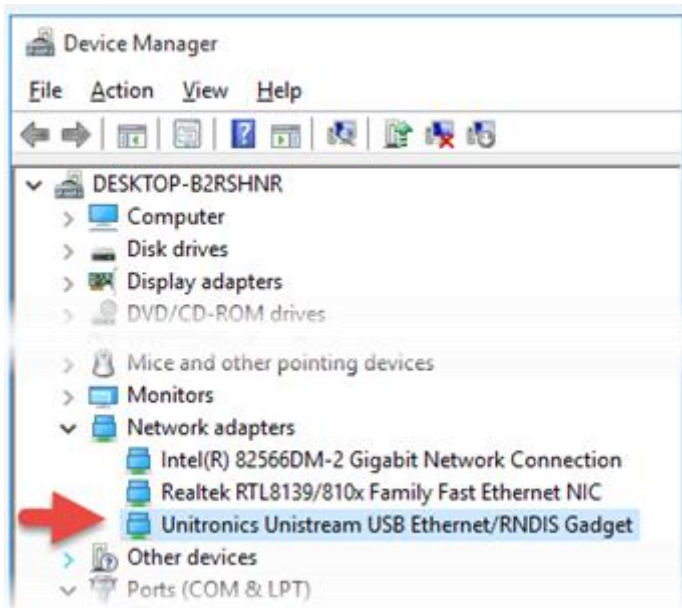
The correct driver should now appear under Model, click next to install it. If Installation is successful, Windows displays a Success message.



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Check the Device Manager; the driver should now be listed under Network adapters.

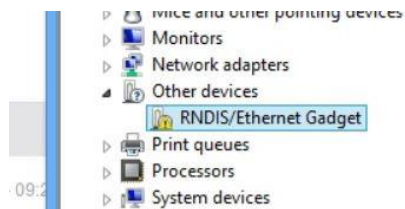


Unilogic USB communications under Windows 7, 8 & 10

Unilogic USB communications under Windows 8 or 8.1

The Unilogic implementation of USB uses the new Windows RNDIS software which is automatically installed as part of the operating system, it does however need a driver and Windows 8 or 8.1 will not allow the installation of unsigned drivers as default. Once Unilogic is installed and running when you try to connect to a Unistream PLC you do not see the connected PLC in the selection window.

Opening the Device Manager will show this issue.



Here is a step by step guide on how to install unsigned drivers (UniStream USB) on Windows V8.1

Restart your PC using the advanced startup mode, this is achieved by holding down the SHIFT key while you click RESTART on any power icon. You will be prompted with a menu with following options.

- Continue
- Troubleshoot
- Turn off

Choose Troubleshoot and the following menu appears.

- Refresh your PC
- Reset your PC
- Advanced Options

Choose Advanced Options then the following menu appears

- System Restore
- System Image Recovery
- Automatic Repair
- Command Prompt
- Windows Startup settings

Choose Windows Startup Settings, then Click Restart.

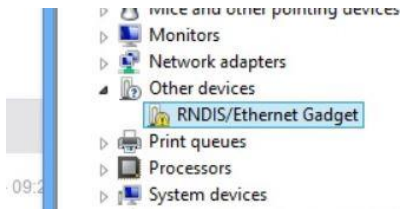
The computer will restart and when the boot menu appears choose Disable Driver signature Enforcement from the menu by using your keyboard numbers. Windows will start and you can do the installation of the driver that is not signed. Check in the Device Manager and if the error shown above still exists right click the icon and select Update Driver then select the manual search method from c:\, the whole of drive c: will be searched and the driver will install.

Unilogic USB communications under Windows 7, 8 & 10

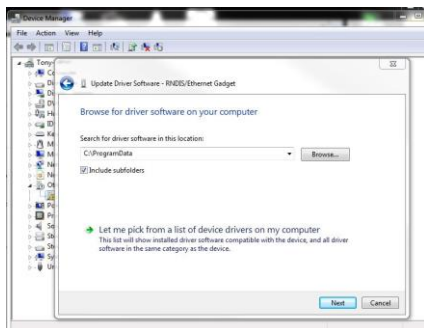
Unilogic USB communications under Windows 7

The Unilogic implementation of USB uses the new Windows RNDIS software which is automatically installed as part of the operating system, it does however need a driver and Windows 7 does not always install this driver straight away. Once Unilogic is installed and running when you try to connect to a Unistream PLC you do not see the connected PLC in the selection window.

Opening the Device Manager will show this issue.



Right click and select Update Driver



Note the location of the USB driver is C:\ProgramData\Unitronics\UniLogic\Drivers, then override the Windows unsigned driver warning.



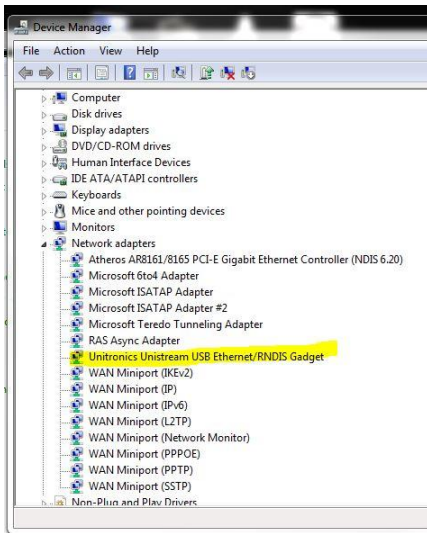
Select yes and the driver will install correctly as a Network Adaptor, as shown below.

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