

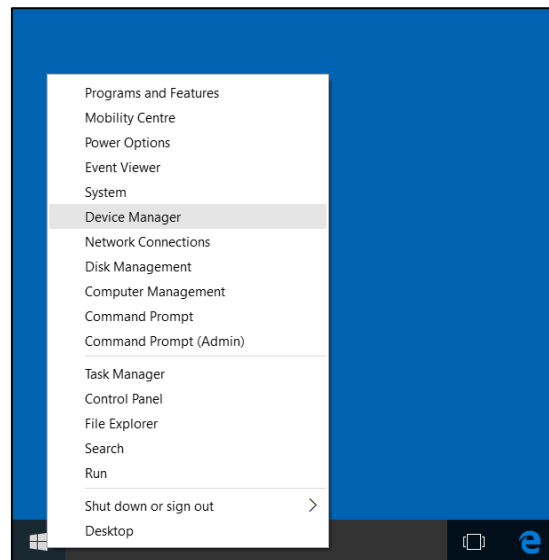
Intuitive and Plant Controller USB Installation for Windows 10

If a plant controller has already been connected to the windows 10 machine before the plant driver has been installed, Windows wrongly installs it as a USB Serial Device (COM port). It needs to be removed using the device manger. See [Uninstall Serial Device](#).

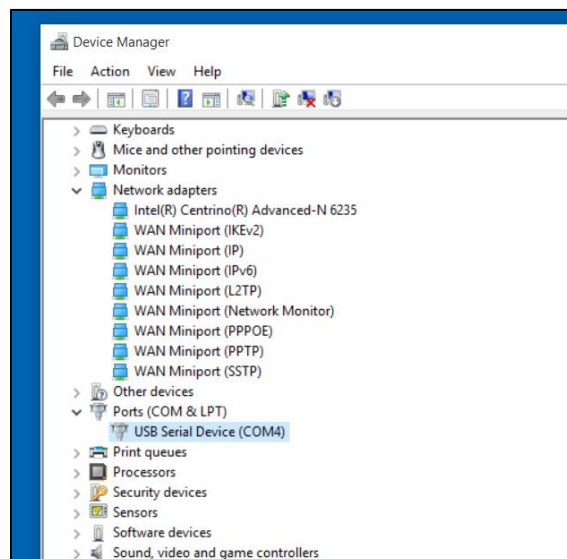
If the plant controller has not been previously connected to the Windows 10 machine continue to '[Install Driver](#)' section.

Uninstall Serial Device

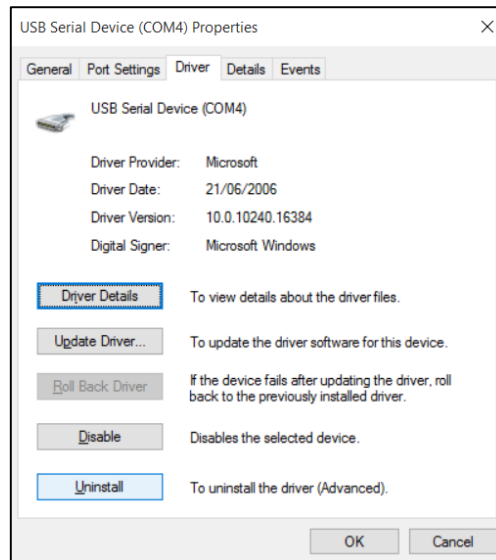
To uninstall the 'incorrect' drivers, the plant controller should be connected so the device appears in device manager. Right click the windows button and select device manager:



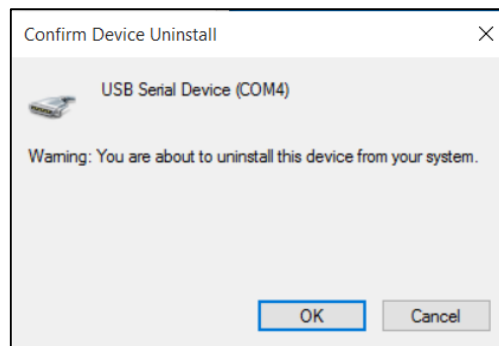
Device manager will show a USB Serial Device. The COM port number may vary:



Double click the Serial Device and select the Driver tab:



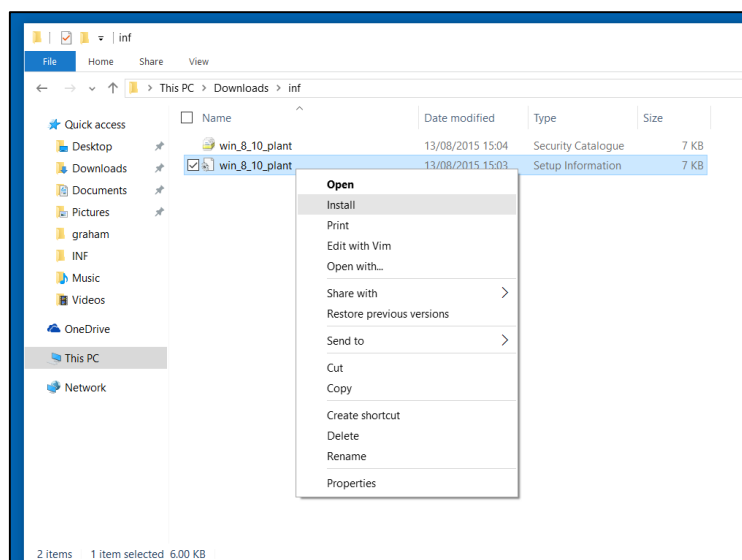
Click the Uninstall button, and confirm:



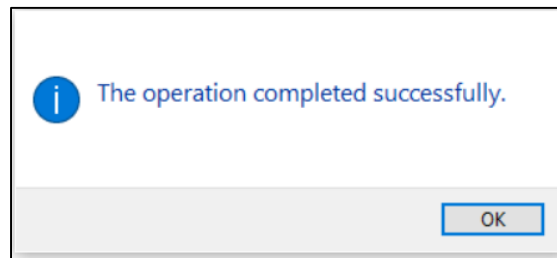
Disconnect the plant controller and continue to install the driver. See [Install Driver](#) section below.

Install Driver

Locate the two files that have been downloaded using windows explorer. Right click the Setup Information file and select 'Install':

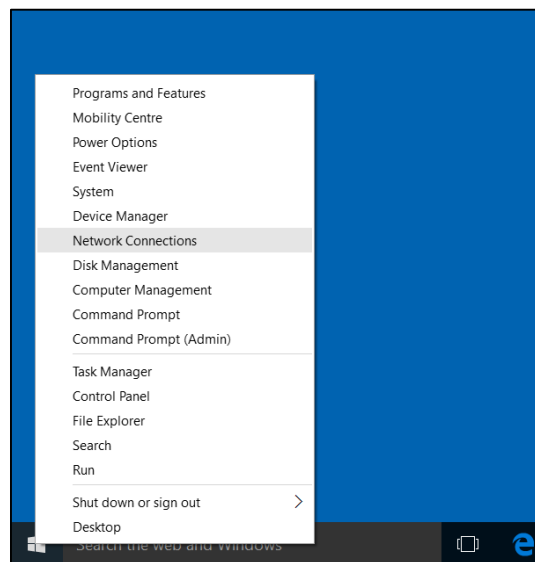


After a short delay, a confirmation should appear:

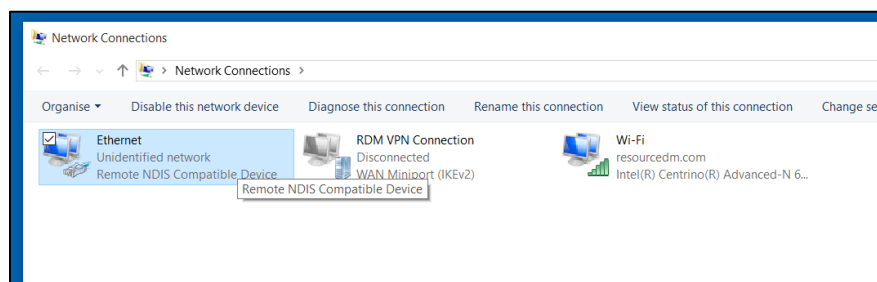


Now connect the plant controller to the PC. After a short delay while windows installs the driver, a new Network Adapter should be created. Note that this process needs to be repeated for each USB port on the PC that may be used with the plant controller, since each USB port corresponds to a different network adapter.

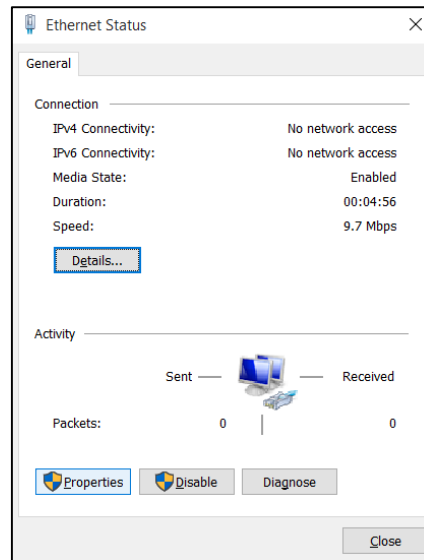
Right click the Windows button and select Network Connections:



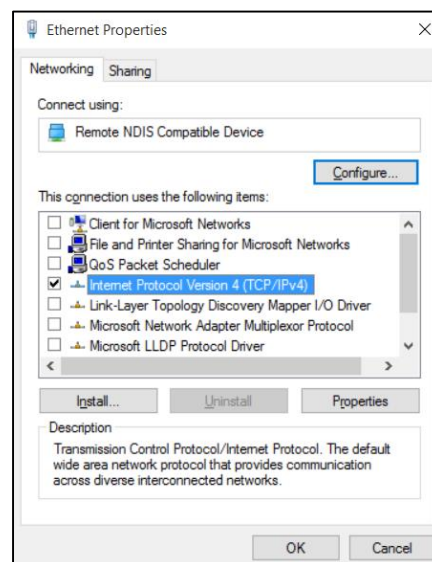
The Network Connections window should show an Ethernet device which is a 'Remote NDIS Compatible Device':



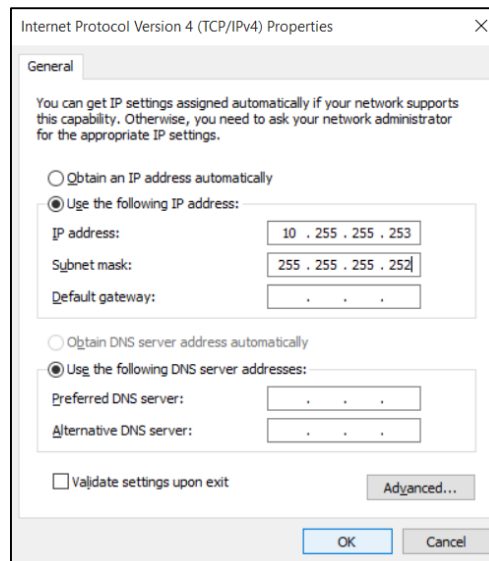
Double click the device:



Select the Properties button:



De-select all the check boxes in the list, except 'Internet Protocol Version 4'. Select the 'Internet Protocol Version 4' item (as above) and press the Properties button:



Internet Protocol Version 4 (TCP/IPv4) Properties

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

☐ Obtain an IP address automatically

☒ Use the following IP address:

IP address: 10 . 255 . 255 . 253

Subnet mask: 255 . 255 . 255 . 252

Default gateway: . . .

☐ Obtain DNS server address automatically

☒ Use the following DNS server addresses:

Preferred DNS server: . . .

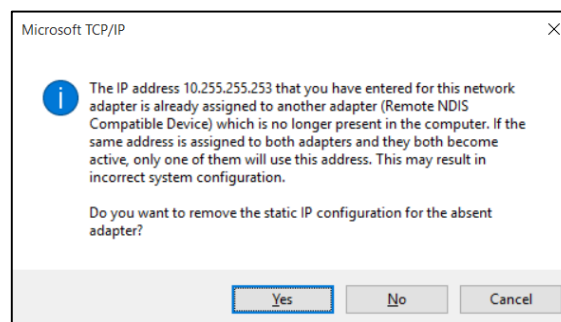
Alternative DNS server: . . .

☐ Validate settings upon exit

Advanced...

OK Cancel

Click the 'Use the following IP address' and enter the IP address and Subnet mask as shown (10.255.255.253 and 255.255.255.252) and press OK. If the driver is being setup on several USB ports, a warning may appear at this point:



Microsoft TCP/IP

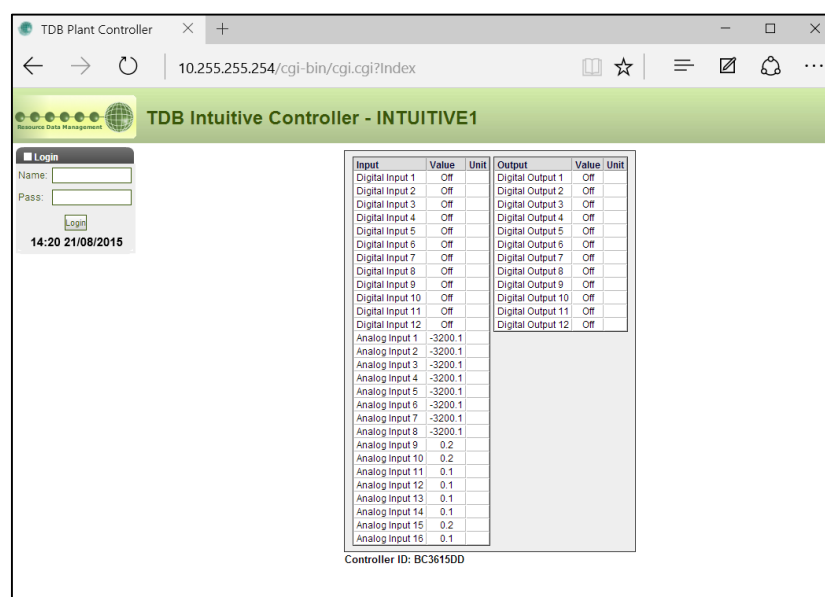
The IP address 10.255.255.253 that you have entered for this network adapter is already assigned to another adapter (Remote NDIS Compatible Device) which is no longer present in the computer. If the same address is assigned to both adapters and they both become active, only one of them will use this address. This may result in incorrect system configuration.

Do you want to remove the static IP configuration for the absent adapter?

Yes No Cancel

From this warning message, select 'No' and close the remaining network setup dialog windows

Run a browser and enter the Address 10.255.255.254. The plant controller should appear:



TDB Plant Controller

10.255.255.254/cgi-bin/cgi.cgi?Index

TDB Intuitive Controller - INTUITIVE1

Login

Name:

Pass:

Login

14:20 21/08/2015

Input	Value	Unit	Output	Value	Unit
Digital Input 1	Off		Digital Output 1	Off	
Digital Input 2	Off		Digital Output 2	Off	
Digital Input 3	Off		Digital Output 3	Off	
Digital Input 4	Off		Digital Output 4	Off	
Digital Input 5	Off		Digital Output 5	Off	
Digital Input 6	Off		Digital Output 6	Off	
Digital Input 7	Off		Digital Output 7	Off	
Digital Input 8	Off		Digital Output 8	Off	
Digital Input 9	Off		Digital Output 9	Off	
Digital Input 10	Off		Digital Output 10	Off	
Digital Input 11	Off		Digital Output 11	Off	
Digital Input 12	Off		Digital Output 12	Off	
Analog Input 1	-3200.1				
Analog Input 2	-3200.1				
Analog Input 3	-3200.1				
Analog Input 4	-3200.1				
Analog Input 5	-3200.1				
Analog Input 6	-3200.1				
Analog Input 7	-3200.1				
Analog Input 8	-3200.1				
Analog Input 9	0.2				
Analog Input 10	0.2				
Analog Input 11	0.1				
Analog Input 12	0.1				
Analog Input 13	0.1				
Analog Input 14	0.1				
Analog Input 15	0.2				
Analog Input 16	0.1				

Controller ID: BC3615DD

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