

Alternative installation of Prolific Serial Device Drivers

Prepared by Craig Hubbard 24th Sept 2009

Applies to Microsoft Windows XP Service Pack 3

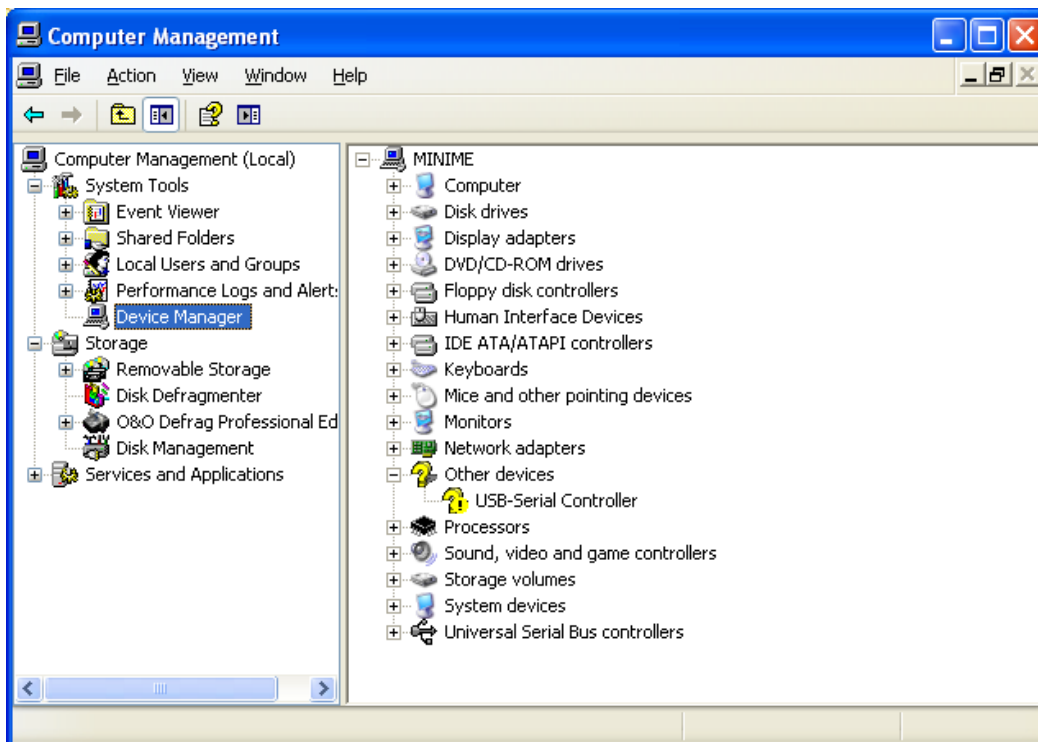
Description

In a few situations the drivers available at the Watts Clever Product Web Site may not install correctly on some Windows XP installations, However we have tested and successfully completed installations in this situation by using the following drivers:

Alternative Driver Link:

<http://www.prolific.com.tw/support/files/%5CIO%20Cable%5CPL-2303%5CDrivers%20-%20Generic%5CWindows%5CPL-2303%20Driver%20Installer%20for%20GPS.zip>

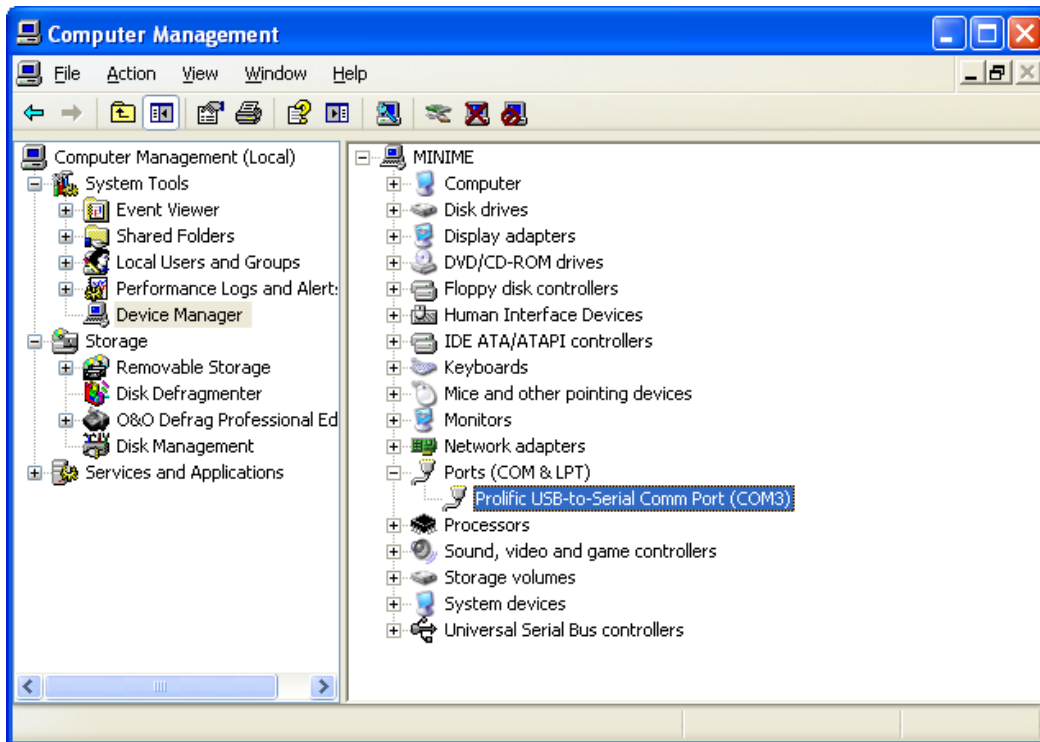
If the USB Cable is plugged into the computer prior to the drivers being installed then you will see the following listed under computer management, this will not impact a successful installation, however the cable will need to be removed and inserted to complete the driver detection process.



In this example we will be installing the drivers downloaded from the above link:

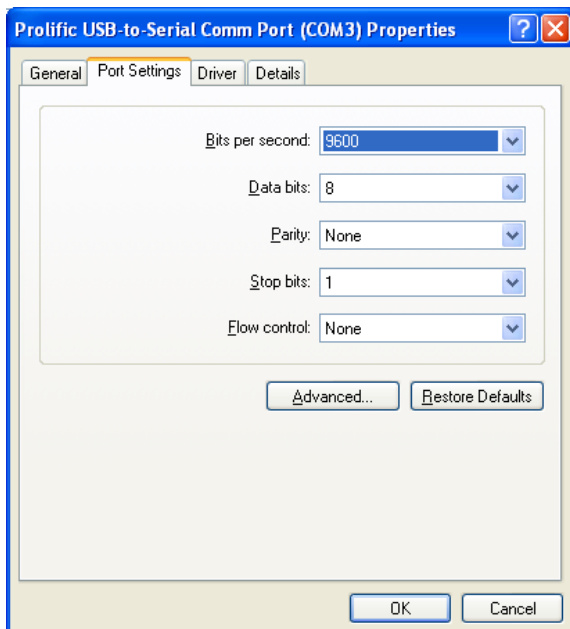
“PL-2303 Driver Installer for GPS.exe”

If the cable was connected during the installation of the drivers then it will not show as being installed in Computer management, unplug and reinsert the cable and it will display within a few seconds as shown below.



In the above example the cable has been assigned to COM3

Windows XP should assign the correct baud settings, however for reference the correct configuration is shown below:



Using HyperTerm or another Terminal Emulator which is configured to the settings above you should start to see a stream of data from the STC-4002:

```
STC-4002 - HyperTerminal
File Edit View Call Transfer Help
0000</d11><d12>0000</d12><d13>0000</d13><d14>0000</d14><d15>0000</d15><d16>0000</d16><d17>0000</d17><d18>0000</d18><d19>0000</d19><d20>0000</d20><d21>0000</d21><d22>0000</d22><d23>0000</d23><d24>0000</d24><d25>0000</d25><d26>0000</d26><d27>0000</d27><d28>0000</d28><d29>0000</d29><d30>0000</d30><d31>0000</d31></days><mt
hs><m01>0000</m01><m02>0000</m02><m03>0000</m03><m04>0000</m04><m05>0000</m05><m
06>0000</m06><m07>0000</m07><m08>0000</m08><m09>0000</m09><m10>0000</m10><m11>00
00</m11><m12>0000</m12></mths><yrs><y1>00000000</y1><y2>00000000</y2><y3>00000000</
y3><y4>00000000</y4></yrs></hist></msg>
<msg><date><dsb>00007</dsb><hr>14</hr><min>45</min><sec>16</sec></date><src><nam
e>CC02</name><id>03056</id><type>1</type><sver>0.07</sver></src><ch1><watts>0000
0</watts></ch1><ch2><watts>00000</watts></ch2><ch3><watts>00000</watts></ch3><tm
pr>32.7</tmpr><hist><hrs><h02>000.0</h02><h04>000.0</h04><h06>000.0</h06><h08>00
0.1</h08><h10>000.1</h10><h12>000.0</h12><h14>000.0</h14><h16>000.1</h16><h18>00
0.1</h18><h20>000.1</h20><h22>000.1</h22><h24>000.1</h24><h26>000.1</h26></hrs><
days><d01>0001</d01><d02>0001</d02><d03>0001</d03><d04>0001</d04><d05>0001</d05>
<d06>0000</d06><d07>0000</d07><d08>0000</d08><d09>0000</d09><d10>0000</d10><d11>
0000</d11><d12>0000</d12><d13>0000</d13><d14>0000</d14><d15>0000</d15><d16>0000</d16><d17>0000</d17><d18>0000</d18><d19>0000</d19><d20>0000</d20><d21>0000</d21>
<d22>0000</d22><d23>0000</d23><d24>0000</d24><d25>0000</d25><d26>0000</d26><d27>
0000</d27><d28>0000</d28><d29>0000</d29><d30>0000</d30><d31>0000</d31></days><mt
hs><m01>0000</m01><m02>0000</m02><m03>0000</m03><m04>0000</m04><m05>0000</m05><m
06>0000</m06><m07>0000</m07><m08>0000</m08><m09>0000</m09><m10>0000</m10><m11>00
00</m11><m12>0000</m12></mths><yrs><y1>00000000</y1><y2>00000000</y2><y3>00000000</
y3_
Connected 0:03:19 Auto detect 9600 8-N-1 SCROLL CAPS NUM Capture Print echo
```

This concludes that the device is installed and configured correctly.

