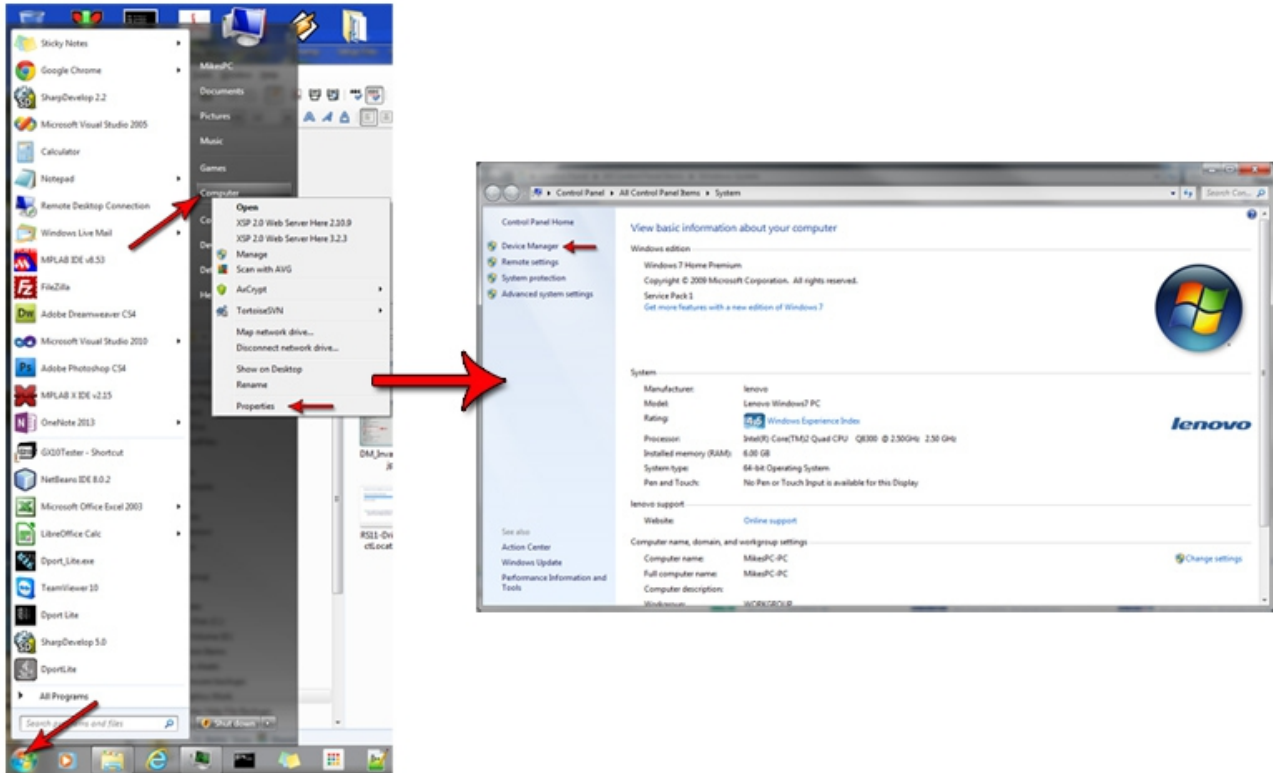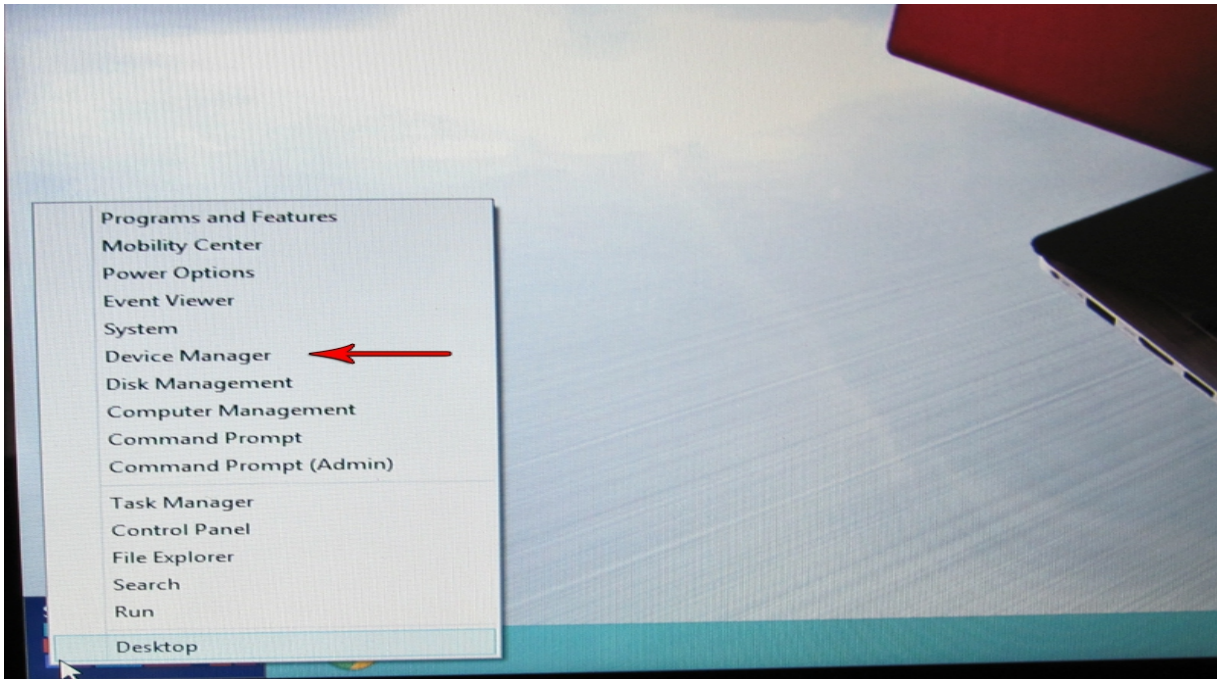# RS11, MD33, and HR12 Driver
Fixing tips

Here are some tips to assist you in installing the USB drivers for your RS11, MD33, or HR12 if they do not install correctly through normal channels. This write up uses the RS11 as an example, but the concept is the same.
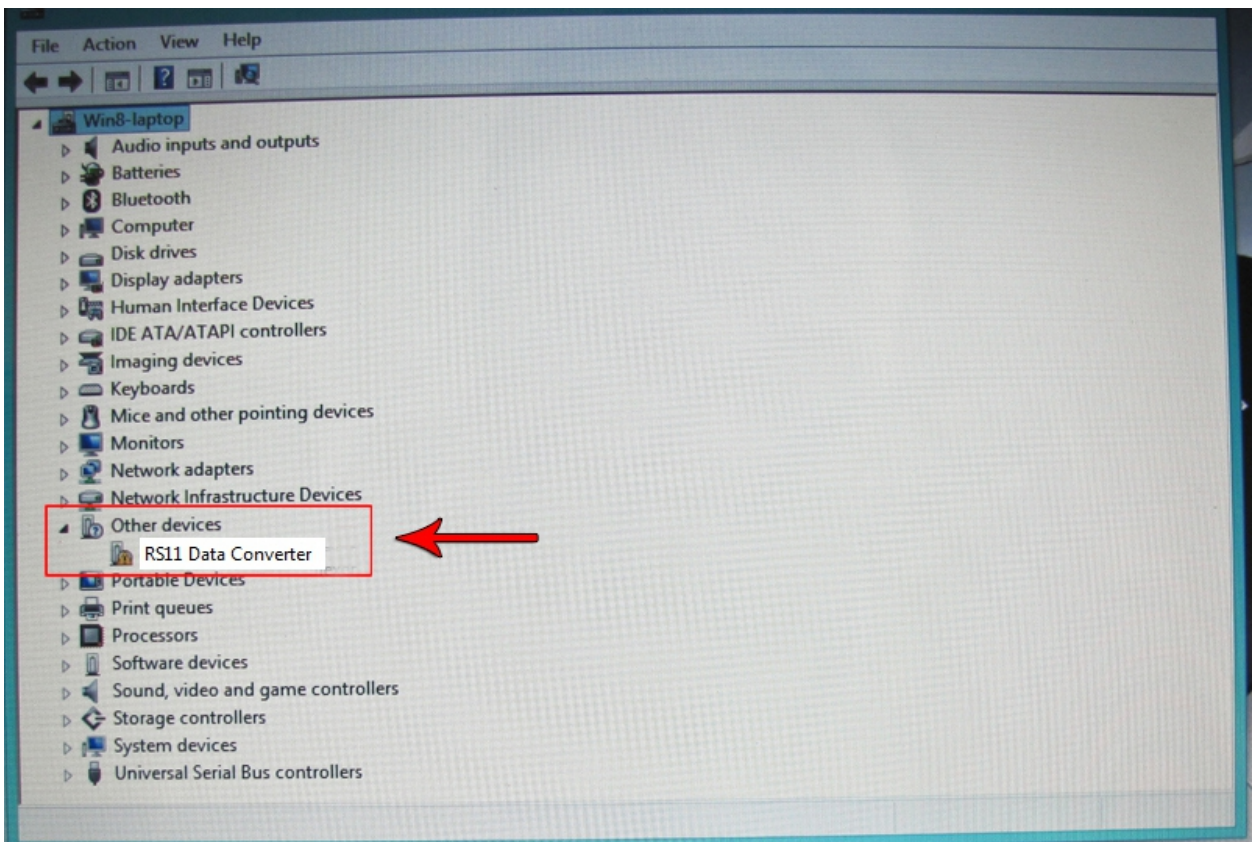
1. Open your **Device Manger**.

     A. **Windows XP/7**. Click on Start menu. Right-click on "Computer". Select "Properties". When window opens, click on "Device Manager".
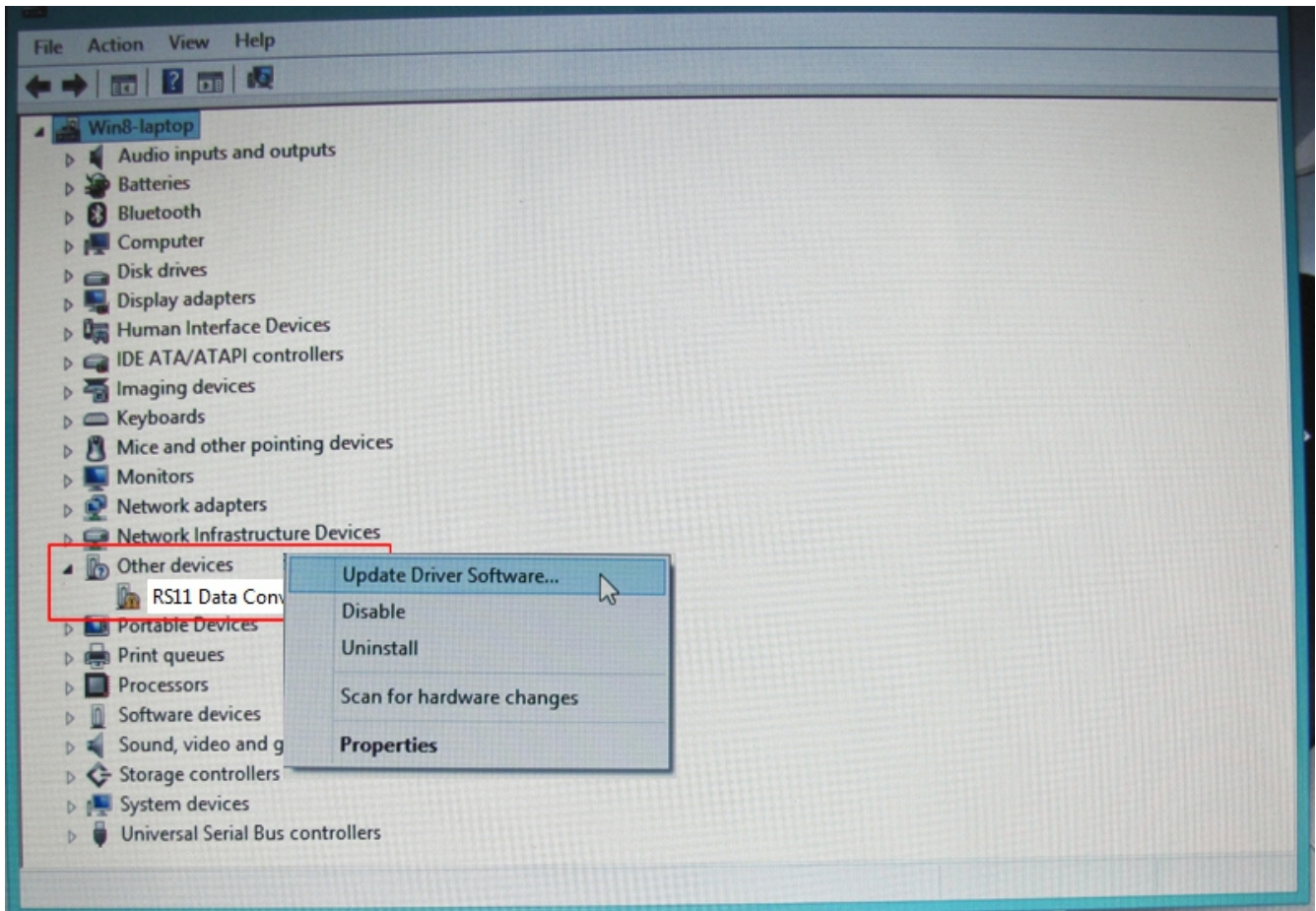
B. **Windows 8/8.1**. Move mouse to lower left corner. On windows symbol, right click. When menu appears, click on "Device Manager".

2. With the device manager open, find the uninstalled driver. In this case, the RS11 was not installed correctly. Most likely, it will be located in the **"Other Devices"** group, shown below.

3. Right-click on the item listed under "Other devices". When menu appears, choose "Update Driver Software...".

4. When window appears, click on "Browse my computer for driver software".
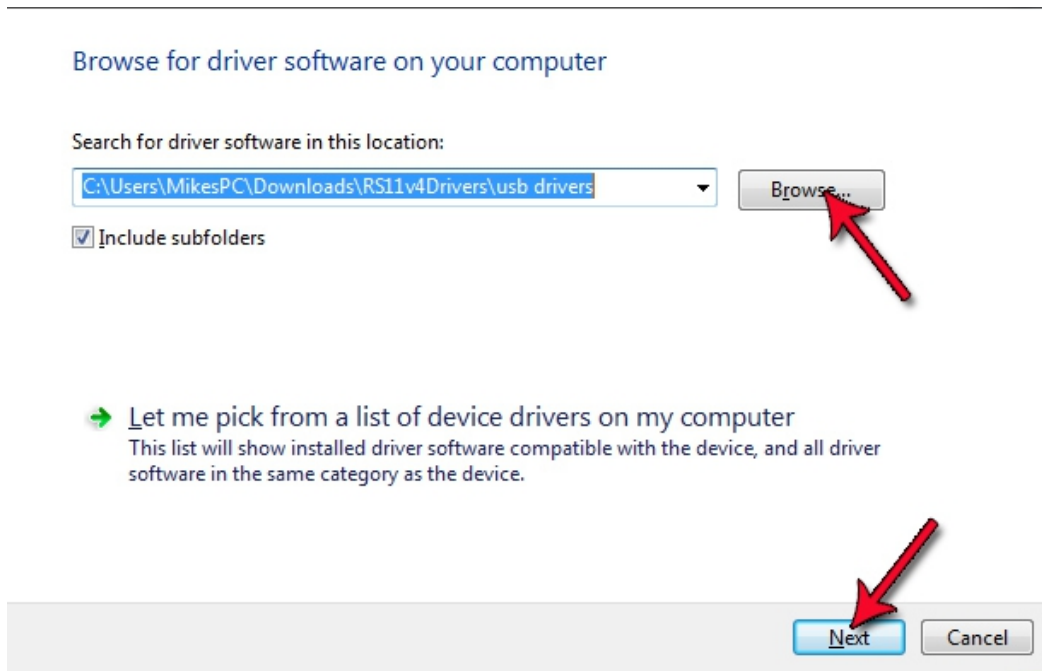

How do you want to search for driver software?

➜ Search automatically for updated driver software
Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.

➜ Browse my computer for driver software
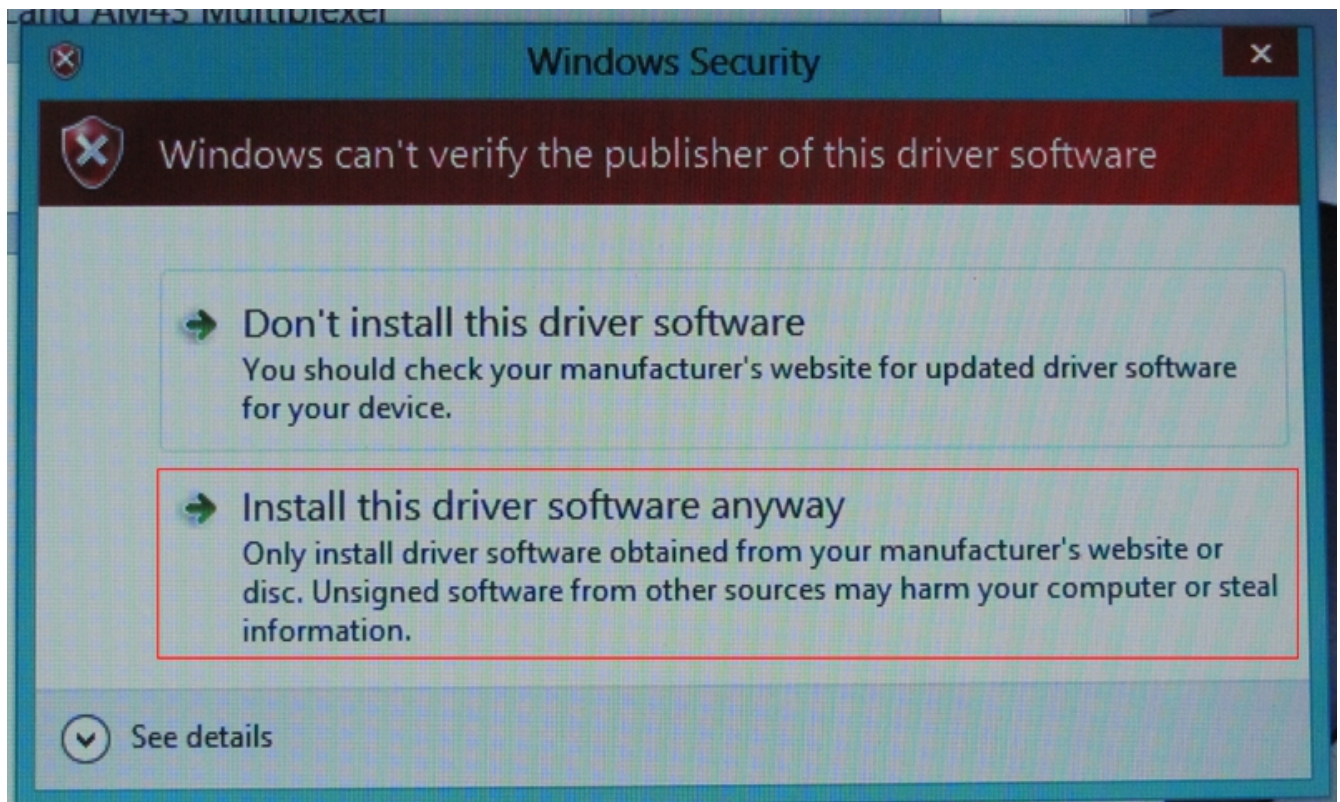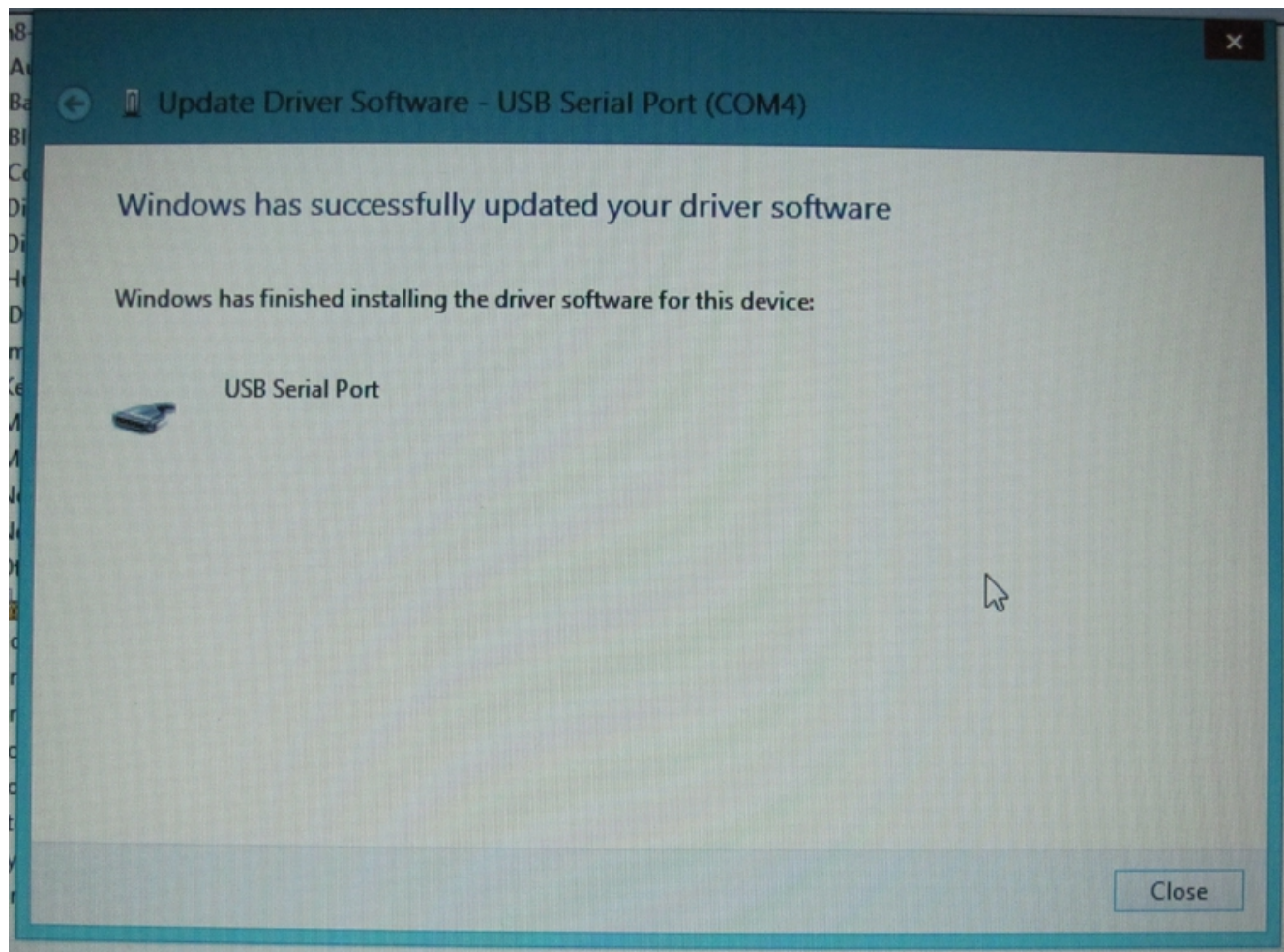Locate and install driver software manually.

Cancel

5. When the next window appears, you will need to **Browse** to the directory where your drivers are located. Click Next to continue. *Note: Make sure, if the file was downloaded from the website, that it has been unzipped or extracted.*
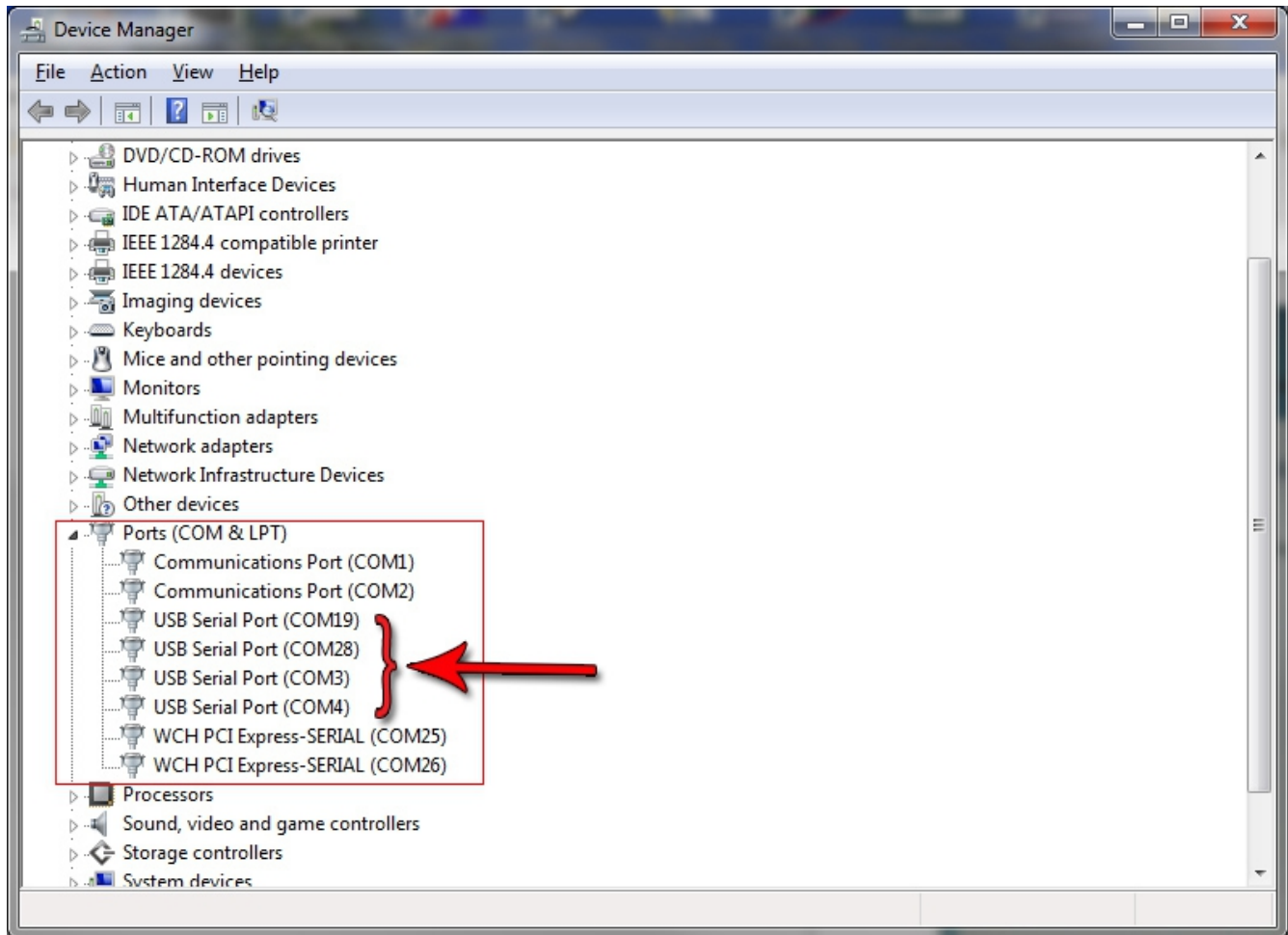
Browse for driver software on your computer

Search for driver software in this location:

C:\Users\MikesPC\Downloads\RS11v4Drivers\usb drivers   Browse...

☑ Include subfolders

→ Let me pick from a list of device drivers on my computer
This list will show installed driver software compatible with the device, and all driver software in the same category as the device.

Next   Cancel

6. After the computer starts the driver installation process, the following Windows Security dialog may pop up with a "Windows can't verify publisher of this driver software" warning. Choose "Install this driver anyway".

Windows Security

Windows can't verify the publisher of this driver software

→ Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.

→ Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.

⌄ See details

7. When operation is successful, you will see the following dialog pop up. This dialog will tell you the COMport that was assigned to your RS11 in the upper blue area.

8. To verify connection was successful, you can check the Device Manager. Under the Ports heading, you should see the NoLand devices COMport listed. (see below)

9. Another method of checking you were successful is to use a terminal program or software utility for installed device, connected to this assigned COMport. When connected, if you click on the Query button, you should see the setup of the device connected. Below in a sample photo of a properly connected RS11 with RS11 Setup Utility. *Note: This does not apply to **HR12**. The HR12 does not have a query option. However you should still see data scrolling from the HR12.*

RS11 Setup Utility v4.41

File   Disconnect   Config   Help

Calibration Utility | Viewing Utility

Current Source
A1: ● On ○ Off
A2: ● On ○ Off
A3: ● On ○ Off
A4: ● On ○ Off
[Send]

Instance
Port: [0 ▼] [Send]
Stbd: [1 ▼] [Send]

Engine Hours Reset
Port: [00000] [Send]
Stbd: [00000] [Send]

● Port RPM ○ Stbd Flow
Enter PPR: [030]
[Send]

○ Stbd RPM ● Port Flow
Enter PPG/PPL: [6840]
○ PPG ● PPL
[Send]

[Stop]
[Query]
[Reset]

```
$ERRPM,E,0,0000,,A
$ERRPM,E,1,0000,,A
$PNOLA,00.31,08.11,06.31,08.13,11.68,00.48,00000000,00045F00
$ERRPM,E,0,0000,,A
$ERRPM,E,1,0000,,A
$PNOLA,00.31,08.12,06.31,08.12,11.68,00.48,00000000,00045F00
$ERRPM,E,0,0000,,A
$ERRPM,E,1,0000,,A
$PNOLA,00.31,08.12,06.31,08.12,11.68,00.48,00000000,00045F00
$ERRPM,E,0,0000,,A
$ERRPM,E,1,0000,,A
$PNOLA,00.31,08.12,06.31,08.12,11.68,00.46,00000000,00045F00
$ERRPM,E,0,0000,,A
$ERRPM,E,1,0000,,A
$PNOLA,00.32,08.11,06.31,08.12,11.68,00.46,00000000,00045F00
$ERRPM,E,0,0000,,A
$ERRPM,E,1,0000,,A
$PNOLA,00.32,08.12,06.31,08.12,11.68,00.48,00000000,00045F00
$ERRPM,E,0,0000,,A
$ERRPM,E,1,0000,,A
```

[II]
[C]

	A1 ○ Port ○ Stbd	A2 ● Port ○ Stbd	A3 ● Port ○ Stbd	A4 ● Port ○ Stbd	A5 ● Port ○ Stbd	A6 ● Port ○ Stbd
Field	Turbo Boost (P) ▼	Oil Press ▼	Trans Oil Press ▼	Cool Press ▼	Fuel Press ▼	Rudder ▼
Display units	psi	psi	psi	psi	psi	degrees (°)
Sense Volts 1	0	0	0	0	0	0
field Value 1	0	0	0	0	0	0
Sense Volts 2	10	10	10	10	10	10
field Value 2	100	100	100	100	100	100
Alarm Value	00	00	00	00	00	00
	Send	Send	Send	Send	Send	Send

COM28 | P_pres_rudr.cfg | Connected to RS11 (Ser#3456)