INSTALLING SKYVIEW 2.0 XBEE INTERFACE USB DEVICE ON WINDOWS 8.1

- 1. These instructions assume the Skyview 2.0 software is installed on the PC.
- 2. Disable Driver Signature Verification on PC by following steps below:

How to Disable Driver Signature Verification on 64-Bit Windows 8.1

Press the Win + C keyboard combination to bring up the Charms Bar, then click on the Settings Charm.



Click on the "Change PC settings" link.

	ManD3x Network	100 Power	Unavailable
		Char	nge PC settings

Select "Update & recovery" section.



Click on the Recovery option on the left hand side.

🕞 Update & recovery	ç	Refresh your PC withou
Windows Update		If your PC isn't running well, you can refr other personal files. Get started
File History		
Recovery		Remove everything and
		If you want to recycle your PC or start ov

Once selected, you will see an advanced startup section appear on the right hand side. You will need to click on the "Restart now" button.

Advanced startup

Start up from a device or disc (such as a USB drive or DVD), change Windows startup settings, or restore Windows from a system image. This will restart your PC.

Restart now

Once your Computer has rebooted you will need to choose the Troubleshoot option.

Choo	ose an option
\rightarrow	Continue Exit and continue to Windows 8
l i	Troubleshoot Refresh or reset your PC, or use advanced tools

Select "Advanced options"

	refresh it without losing your files
Đ.	Reset your PC If you want to remove all of your files, you can reset your PC completely
 >>>	Advanced options

Then "Startup Settings"



Since we are modifying boot time configuration settings, you will need to restart your Computer one last time.

Restart to change Windows options such as:

- · Enable low-resolution video mode
- Enable debugging mode
- Enable boot logging
- Enable Safe Mode
- Disable driver signature enforcement
- Disable early-launch anti-malware protection
- · Disable automatic restart on system failure

Finally, you will be given a list of startup settings that you can change. The one we are looking for is "Disable driver signature enforcement". To choose the setting, you will need to press the F7 key.

Startup Settings	
Press a number to choose from the options be	elow:
Use number keys or functions keys F1-F9.	
1) Enable debugging	
2) Enable boot logging	
3) Enable low-resolution video	
4) Enable Safe Mode	
5) Enable Safe Mode with Networking	
6) Enable Safe Mode with Command Prompt	
7) Disable driver signature enforcement	
8) Disable early launch anti-malware protectio	n
9) Disable automatic restart after failure	

3. Install drivers for USB xBee. Press Win + C keyboard combination, choose Settings charm.

- 4. Click Control Panel and search for "Device Manager". Click on Device Manager
- 5. In the Device Manager screen, locate the SWWP USB Xbee device. It will be listed under "other devices" as below, or Universal Serial Bus controllers (you may have to "expand" that menu item to see the list):



- 6. Right click on the name of the device, and select "update driver" from the menu that will appear (no screen shot available)
- 7. The following screen will appear. Select "Browse my computer for driver software"

Hov	v 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.

8. In the next screen, click the "browse" button.



- 9. In the Browse For Folder, find the location of your downloaded Skyview 2.0 file.
- 10. Double click on the "FTDI" folder

D 👧	Local Disk (C·)	
	DVD Drive (D:) SS Software 0906	
	bin	
1	data	
D	ftdi	1
	Installer Litilities	-
	Type: File folder	
	Skylevel	IVI .
Þ	supportfiles	
•	III .	1

14. Single click (or "select") only, on the "Drivers" folder within the ftdi folder.

rowse For Folder	×
Select the folder that contains drivers for your h	ardware.
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Description: De	
4 🕑 DVD Drive (D:) SS_Software_0906	
Þ 🍌 bin	
🍌 data	=
4 鷆 ftdi	
Drivers	
🍌 amd64	
1386	
Folder: ftdi	
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11. Click "OK"

The next screen that comes up should look like the one below:

Browse for driver software on your	computer	
Search for driver software in this location:		
D:\ftdi\Drivers	*	Browse
Let me pick from a list of devic This list will show installed driver softwar software in the same category as the device	e drivers on my cor re compatible with the de rice.	nputer vice, and all driver

12. Click "Next"

You may get a warning screen indicating the device driver is unsigned. Click "Install this driver software anyway."



Your computer should bring up the screen below as an indication it is installing the driver.

	X
Update Driver Software - SWWP USB XBee	
Installing driver software	

In about 30-60 seconds (sometimes several minutes), you should get the screen below:



VERY IMPORTANT: You now need to repeat this whole process by going back to the Device Manager and re-installing the second driver by finding "USB Serial Port" device on the list of Devices in Device Manager that has a comment next to it.

After you are done installing the second driver, go to your "Apps" in Windows 8.1, find Skyview 2.0 (may show under the "Southwest Windpower" folder) and open it. You may also have to do a search for "Skyview 2.0" to find it the first time. Right click on the name of the app to set it as a shortcut or an icon on your desktop.

You should get the screen below, with USB and Interface LEDs green under Communication Status

	Overview Quick Diagnostics Turbine Setup	Select Turbine:
rrbine Status Generating	Turbine Setup	SKYSTREAM®
Waiting	In order to communicate with a turbine, a link must be establish	ed between the turbine and the PC:
Fault	 Enter the last eight digits of the turbine serial number i Enter Serial Number (1234-5678) 	in the Serial Number block (Do not use [Enter] key). Add nickname (optional) Example: "Joe's Skystream"
ommunication atus USB	 Click the "Add Turbine" button below: Add Turbine Delete Turbine Delete 	My Turbines
Interface Skystream Inverter	 Connected turbines will appear in the list below. If you so If you are unable to see your turbine after 1 minute, go to st If you are unable to see your turbine after 1 minute: Of 	see your turbine, setup is done. tep 4. lick the "Find Turbines" button.
Data Signal Strength	Find Turbines OMy Turbines For Started 1 Count	Und Other Turbines Found
-102 dBm		

Now you can proceed with entering your serial number in the Turbine Setup screen under step 1. Once the 8 digit number is entered there, click "add turbine" under step 2

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	Mat	Turbines Found Other Turbines Found	
ath.	Find Tarbines	-	
	Started 28 Count	li l	
dBm			

The serial number will show up in the "My Turbines" screen, and the count will initiate under step 4 (60 second count).



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SKYVIEW						Select Turbine:	SKY37A_10	10-3196 🐨
C	verview	Quick Diagnostics	Turbine Setu	ip				
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Waiting	In orde	er to communicate	with a turbine,	a link must be estal	olished betweer	n the turbine and the	PC:	
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Data	•	If you are unable	to see your tur	bine after 1 minute	Click the "Fin	d Turbines" button.		
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Signal Strength				SKY37A_1010-	3196 🛋	1		
		Started 0	Count			1		
-47 dBm				1		1		

Within the 60 seconds, the turbine serial number should show up in the "My Turbines Found" field

Occasionally the interface will "find" the turbine before you have a chance to enter the serial number, in which case the serial number will show up in an encoded format under "Other Turbines Found"

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Generating	-				SHYS'	TREAM
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Inverter	4	If you are unable to see you	r turbine after 1 minute:	Click the "Fin	d Turbines" http://	
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Signal		Find Turbines	i i y raibiles re		SKY37A 1010-W0JG	4
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-102 dBm		A CONTRACTOR (18 CONTRACT)		-		

To get it to "jump" over to "My Turbines Found" simply go to the File menu in the upper left corner of the screen, and

ne Skyview 2.0.0.vi 🖉	- ×
File Help Connect to USB converter	
Disconnect from USB conv Advanced Diagnostics	w Quick Diagnostics Turbine Setup
Turbine Status	SKYSTR CAM®
Generating Ready	Turbine Setup
Waiting	In order to communicate with a turbine, a link must be established between the turbine and the PC:
Fault	Enter the last eight digits of the turbine serial number in the Serial Number block (Do not use [Enter] key). Add nickname (ontional)
	Enter Serial Number (1234-5678)
Communication Status OSB	Click the "Add Turbine" button below: Py Turbines
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Data	If you are unable to see your turbine after 1 minute: Click the "Find Turbines" button.
Signal Strength	Find Turbines Count
-102 dBm	

click on "Disconnect from USB Converter"

The USB and Interface lights will go out. As soon as they do, click on File/Connect to USB Converter. The turbine's serial number will "jump" over to the My Turbines Found field and you will notice all five Communication Status lights will be green:

SKYVIEW				Select Turbine: SKY	37A_1010-3196 🐨
	Overview	Quick Diagnostics Turbine Set	tup		
irbine Status Generating	_			SKYST	REAM
Ready	Turb	ine Setup			
Waiting	In ord	er to communicate with a turbing	e, a link must be established	between the turbine and the PC:	
Fault	0	Enter the last eight digits of th	e turbin : serial number in t	he Serial Number block (Do not use	[Enter] key).
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Signal Strength		Find Turbines	My Turbines Found SKY37A_1010-3196	Other Turbines Found	*
-49 dBm		🌖 Started 🛛 47 Count	1		

This is a sign of good communication.

If you are unsuccessful at this point, attempt a forced join:

- 1. Shut power to the turbine down
- 2. Close Skyview
- 3. Wait five minutes
- 4. Open Skyview...within 60 second count showing in step 4 of Turbine Setup, start power to turbine

If still unsuccessful, call XZERES Skystream Tech Support at +1.503.388.7340