This document explains how to install USB driver for OWON scopes under Windows OS based computer.

Please make sure OWON DS_Wave software has been installed on your Windows OS based computer first before carrying out USB driver installation.

For Windows 2000/XP

Switch on OWON scope and connect it to your computer via USB cable. A windows message pops up to remind you "Found New Hardware" as Pic 1-1.



Pic 1-3

Select [Search for the best driver in these locations], then [Include this location in the search] to specify the directory of USB Driver as Pic1-4, this is normally under "C:\Program Files\OWON\DS_Wave\USBDRV".

Fou	nd New Hardware Wizard	
F	Please choose your search and installation options.	
	Search for the best driver in these locations. Use the check boxes below to limit or expand the default search paths and removable media. The best driver found will be installed.	n, which includes local ed.
	Search removable media (floppy, CD-ROM) Include this location in the search:	
	Don't search. I will choose the driver to install. Choose this option to select the device driver from a list. Window the driver you choose will be the best match for your hardware.	wys does not guarantee that
	< Back	ext > Cancel
Click	Pic 1-4 "Next" to start installation as if sh	ows on Pic 1-5.1-6
Hardware Wizard	Found New Hardwa	re Wizard
iit while the wizard ins	talls the software	Completing the Found New Hardware Wizard The wizard has finished installing the software for: wsb board
iibusb0.dll To C:WINDOWSV	system32	Click Finish to close the wizard.
	< Back Next > Cancel	A Back Finish Cancel
H	Pic 1-5	Pic 1-6

On completing the installation, Windows will display a message, saying "Your new hardware is installed and ready to use" as in Pic 1-7.

10	 Found New Hardware Your new hardware is installed and ready to use.

Now you can start your OWON DS_Wave software and communicate with your OWON Scope.

*To reinstall your USB driver with a latest version, you can run "reinstall.bat" to update. The program can be found under USBDrv folder.

For Windows Vista x64 and Windows 7 x64

Note: The following steps may not necessary for Vista x86 or Windows 7 x86, but we strongly recommend it for Vista x64 or Win 7 x64. Please make sure you have the administration right to proceed.

First, Right click [Computer] on your screen and Select [Manage] as it shows in Pic2-1,

Computer	Open
	Explore
8	Manage

Pic 2-1

Once you bring up Pic 2-2, expend [Computer Management], in System Tools please Choose and click [Device Manager] in the left pane, the detailed device list will appear in the Middle pane, right click the item on the top and Select [Add legacy hardware],



Pic 2-2

This will bring up the- [Add Hardware Wizard] as it shows in Pic 2-3, Click [Next >] to proceed,



Pic 2-3

Select option on the bottom as in Pic 2-4, [install the hardware that I manually select from a list (Advanced)], and Click [Next >],



Click [Browse...] (Pic2-8) and Select file "USB.inf" (Pic2-9),from "C:\Program Files\OWON\DS_Wave\USBDRV" to open,

Install From Disk		Locate File		
Insert the manu make sure that i	facturer's installation disk, and then OK the correct drive is selected below. Cancel	Look p: JUSEDRV Recent Places Usebinf Desktop	Date modif Type Size	· • •
<u>C</u> opy manufactu A:\	urer's files from:	John Computer Network File game:	usb inf	Gen
	Pic2-8	Files of type:	Setup Information ("Inf) - Pic 2-9	Cancel
Click [OK] to proce	eed (Pic 2-10)			
	Insert the manufacturer's inst make sure that the correct dr	allation disk, and then rive is selected below.	OK Cancel	
	Copy manufacturer's files from	n: Dscilloscope <mark>\USBDRV]</mark> +	Browse	
Highlight and Choo	ose [usb board] and Click	[Next >] to proc	eed (Pic 2-11),	
	Select the device driver you want to i Select the manufacturer and model of have a disk that contains the driver you	install for this hardware. Fyour hardware device and ther ou want to install, click Have Di	n click Next. If you sk.	
ON	Model Usb board			
-	This driver is not digitally signed! <u>Tell me why driver signing is important</u>		Have Disk	
		< <u>Back</u> Next >	Cancel	

Pic 2-11

You may see a windows Security popped up, Select option [Install this driver software anyway] to proceed as it shows in Pic 2-12.





Once done, Click [Finish] to close the installation.

*Due to the driver compatibility with Windows Vista, It would not work properly without completion of following steps.

Open [Device Manager] from [Computer Management], you will see under [LibUSB-Win32 Device], [USB Board] is still marked. See Pic2-16



Pic. 2-16

To solve this, you need to restart your computer and enter [Windows Vista OS] through [Windows Boot Manger], and Press [F8] and Choose [Advance Option) to [Disable Driver Signature Enforcement] (Description: Allows drivers with compatibility issues can be loaded), Press [Enter] to back to Windows Vista. Now you will see a message saying "Device driver software installed successfully". See Pic. 2-17, 2-18



Back to [Device Management] you will see the mark disappeared from [USB Board]. See Pic.2-19



Pic. 2-19

Finally, go to DS_Wave folder to find *.exe(launcher.exe), right Click it and modify the Compatibility mode under its properties, Use drop-down list and Change it to [Run this program in compatibility mode for: Windows XP], See Pic.2-20

match	es that earlier v	ersion.		ompatibility I	ioue triat		
Com	patibility mode					Ξ.	A
V	Run this progr	am in compat	ibility mo	de for:			
[w	/indows XP (Se	rvice Pack 2)	•			
Setti	ings					2 5	
	Run in 256 co	ors					
	Run in 640 x 4	80 screen re	solution				•
	Disable visual	themes					
	Disable deskto	p compositio	n				
	Disable display	scaling on h	igh DPI	settings			
Privi	lege <mark>Level</mark>					5 3	
	Run this progr	am as an adn	ninistrato	r			
	Show setting	s for all users					

Now, the driver has been installed and configure properly for Windows Vista x64 or Windows7 x64, it's ready to run. Don't forget to run applications as an administrator.