Vista 32 Driver Installation Instructions

Agilent Microarray Scanner Software Versions A.8.4

for the Agilent G2565CA Microarray Scanner

(c) Copyright 2009 Agilent Technologies

The following document details the steps to install Windows Vista 32 Drivers and to enable the connection to the Agilent Microarray Scanner. These steps should be followed after the scan control software has been installed on Windows Vista. These instructions do not apply to Microsoft Vista 64 since it is not a supported operating system for scan control version 8.4. The scanner will not operate when connected to a PC under Microsoft Vista 64.

Please follow the steps below to install the drivers appropriate for Windows Vista 32. There are 3 drivers that need to be installed; the drivers for TUSB3410, AX88772 and XEM3005. Following the driver installation, the connection to the scanner needs to be enabled.

- A. Installing the driver for TUSB3410
 - 1. Turn on the scanner and trigger that new hardware found as dialog window pops up as below...



- 2. Select "Locate and install driver software (recommended)" option from the window.
- 3. If User Access Control (UAC) is on it will asks for permission press <continue>. Allow the software to install TUSB3410 boot device appears as shown below.



4. Select "Don't search online". This will be followed by another window as shown below.

٩	۵	Found New Hardware - TUSB3410 Boot Device	
	Win	dows couldn't find driver software for your device	
	•	Check for a solution Windows will check to see if there are steps you can take to get your device working.	
	•	B <u>r</u> owse my computer for driver software (advanced) Locate and install driver software manually.	
			Cancel

5. Select "Browse my computer for driver software (advanced)".

G 1 Found New Hardware - TUSB3410 Boot Device
Browse for driver software on your computer
Search for driver software in this location:
C:\Program Files\Agilent\MicroArray\USBDrivers
☑ Include subfolders
<u>N</u> ext Cancel

- 6. Select the "Browse" button and enter the location of the driver software which is: C:\Program Files\Agilent\Microarray\USBDrivers
- 7. Press <next> after setting above path location as shown above. Once the installation completed it will prompt by the following window.

und New Hardware - TUSB3410 Device (COM3)
tware for this device has been successfully installed
has finished installing the driver software for this device:
TUSB3410 Device
Close

8. After successfully installing the software, the above message appears. Press <close>.

B. Installing the driver for AX88772

Found New Hardware AX88772 window appears as in the window below.



1. Select "Don't search online". This will be followed by another window as shown below.

G I Found New Hardware - AX88772	
Insert the disc that came with your AX88772 If you have the disc that came with your device, insert it now. Windows will automatically search the disc for driver software.	
I don't have the disc. Show me other options.	
	Cancel

2. Select "I don't have the disc. Show me other options". This will allow you to browse the directory as shown below



3. Select "Browse my computer for driver software (advanced)".

General Found New Hardware - AX88772	X
Browse for driver software on your computer	
Search for driver software in this location:	
C:\Program Files\Agilent\MicroArray\USBDrivers ▼ B <u>r</u> owse	
Next	Cancel

- 4. Select the "Browse" button and enter the location of the driver software which is: C:\Program Files\Agilent\Microarray\USBDrivers
- 5. Press <next> after setting above path location as shown above. Once the installation completed it will prompt by the following window.



6. After successfully installing the driver the above message appears. Press <close>

C. Installing the driver for XEM3005

Found New Hardware OpalKelly XEM3005 window appears as in the window below.

Found New Hardware - Opal Kelly XEM3005	_
Allow Windows to search online for driver software for your Opal Kelly XEM3005?	
Yes, <u>a</u> lways search online (recommended) Windows will automatically search for the latest drivers and applications for your hardware and download them to your computer.	
Yes, search online this time only Windows will search for the latest drivers and applications for this device and download them to your computer.	
Don't search online Your device may not function properly until you get the latest software.	
Please read Microsoft's privacy statement	
Cancel	

1. Select "Don't search online". This will be followed by another window as shown below.

Sound New Hardware - Opal Kelly XEM3005	
Insert the disc that came with your Opal Kelly XEM3005	
search the disc for driver software.	
ightarrow I don't have the disc. Show me other options.	
	Cancel

2. Select "I don't have the disc. Show me other options". This will allow you to browse the directory as shown below



3. Select "Browse my computer for driver software (advanced)".

Ge I Found New Hardware - Opal Kelly XEM3005	
Browse for driver software on your computer	
Search for driver software in this location:	
C:\Program Files\Agilent\MicroArray\USBDrivers	B <u>r</u> owse
☑ Include subfolders	
	Next Cancel

- 4. Select the "Browse" button and enter the location of the driver software which is: C:\Program Files\Agilent\Microarray\USBDrivers
- 5. Press <next> after setting above path location as shown above.



6. Select "Install this driver software anyway".

Geo I Found New Hardware - Opal Kelly XEM3005	
The software for this device has been successfully installed	
Windows has finished installing the driver software for this device:	
Opal Kelly XEM3005	
	Close

7. After successfully installing the driver the above message appears. Press <close>. All the Windows Vista drivers that needed for scanner are now installed.

- D. Enabling the connection to the scanner.
 - 1. Go to control panel and select "Network and Sharing Center". This will bring up

and a later	territory of the state of		
Control Panel >	Network and Sharing Center	✓ 4 Search	م
<u>F</u> ile <u>E</u> dit <u>V</u> iew <u>T</u> ools <u>H</u> elp			
Tasks View computers and devices Connect to a network Set up a connection or network Manage network connections Diagnose and repair	Network and Sharing DATASYSTEM (This comput	Center 101 Multiple networks er)	View full map
	Network (Private netwo	prk)	Customize
	Access	Local and Internet	-
	Connection	Local Area Connection	View status
	💐 Unidentified network	(Public network)	Customize
	Access	Limited Connectivity	
	Connection	Local Area Connection 3	View status
	3 Sharing and Discovery		
E	Network discovery	© Off	 Image: Second sec
See also	File sharing	 On 	\odot
	Public folder sharing	© Off	$\overline{\mathbf{v}}$
windows Pirewall	Printer sharing	Off (no printers installed)	

 Select "Unidentified network (public network)" -> "View status". Set the scanner IP as follows ...

Internet Protocol Version 4 (TCP/IPv4)	Properties ? X					
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 automatical	ly					
• Use the following IP address:						
IP address:	10 . 0 . 0 . 1					
Subnet mask:	255 . 255 . 255 . 0					
Default gateway:	· · ·					
 Obtain DNS server address automatically Use the following DNS server addresses: 						
						Preferred DNS server:
Alternate DNS server:						
	Ad <u>v</u> anced					
	OK Cancel					

3. And set Flow control to Disable.

ASIX AX88772 USB2.0	to Fast	Ethernet	Adapter Properties	? X
General Advanced	Driver	Details	Power Management	
The following proper the property you war on the right.	ties are a nt to char	vailable fo ige on the	or this network adapter. e left, and then select its	Click s value
Property:			<u>V</u> alue:	
Connection Type			Disable	•
NetworkAddress QoS Packet Taggir Wake Up	ng			
			OK	Lancel

4. Turn off and turn on the scanner. Open the scanner's user interface and wait for the "scanner ready" status to appear in the scanner status window.