## **Getting Started Instructions for the Access DH Probers**

## \*\* Read the Access DH CAUTION SHEET before proceeding with these instructions \*\*

#### **PC Recommended Requirements**

The following recommendations are provided to assist you in purchasing the correct computer system to use with the Huntron Workstation software. These are the recommended minimum computer requirements:

- 3GHz or Faster CPU (2Ghz if multicore)
- Microsoft Windows Vista, 7, 8, 10
- DVD drive
- 8GB RAM or more
- 1024x768 minimum video resolution
- Keyboard and Mouse
- Internet connection
- Available USB 2.0 ports 2 ports with Tracker and Access Prober combinations

#### Installing the Huntron Workstation Software

#### NOTE: Install the software before installing or connecting any hardware.

Uninstall any previous versions of Workstation prior to installing the new version. Insert the Huntron Workstation DVD. The DVD should Autorun and begin the installation process. If your PC has Autorun disabled then open a browse window to the DVD and select WorkstationSetup.exe. This will begin the installation process. Follow the on-screen instructions to proceed to install Workstation.

During the install you will be asked (Yes or No) to install additional software for Access Probers. Select the appropriate response based on your Prober hardware. Follow on-screen prompts to install the additional software.

- Access USB Framer Grabber for Access and Access 2 Probers; Select NO for this option
- NI Vision Runtime for all Access Prober: selecting this will install the National Instruments Vision Runtime used with the Workstation Auto-Align function. Have NI Vision Runtime serial number (located on the Workstation DVD envelope and on the NI license document)

available. See **Appendix A** at the end of this document for more details on the NI Vision installation.

- During the NI Vision installation process you will be prompted to activate the software including a request to associate your NI account with the product. We **recommend that you uncheck this request** to avoid having to complete registration transfer forms (see image).



**Note for Windows 64bit:** Window 64bit requires that the Vision Runtime be installed as an Administrator. Browse to the Workstation DVD/Vision folder and locate "Setup.exe". Right-click the file and select "Run as Administrator" to install.

- DFK USB Camera driver installation: selecting this will install the driver software for the DFK cameras used on the Access DH (dual head) Prober. **Power the Access DH ON** for this process.

If you purchased CAD Tools then install using the supplied CD. Follow instructions listed in the CAD Tools Tutorial.

If you are using Workstation in conjunction with a digital multimeter, follow the instructions listed in the Workstation DMM Tutorial.

All of the Workstation tutorials are available on the Huntron web site: <u>www.huntron.com/sales-</u> <u>support/software.htm</u>

# Do not run the software at this point. The hardware must now be installed to complete the installation.

## Power fuses and connecting the Line Voltage

The power entry module includes the power switch (0 = OFF, 1 = ON), power cord connector and a removable fuse tray which holds the line fuses. To remove the fuse tray, use a small screwdriver to carefully pry the top of the fuse tray outward. The fuses will visible with the fuse tray pulled out. To replace, push the tray inward until firmly seated.

## **Connecting the Prober USB Interface to the Computer**

Locate the USB cable and connect the correct end to the Prober USB port. Connect the other end to the appropriate USB port on the computer. Also verify that the STOP button cable is connected to the STOP/LIGHT connection on the Access DH rear panel.

### **Connecting an External Tracker to the Access DH**

Using standard BNC cables connect the Common BNC on the Huntron Tracker to the Common BNC on the Access DH back panel. Connect the Channel A BNC on the Huntron Tracker to the Channel A BNC on the Access DH back panel. Connect the Channel B BNC on the Huntron Tracker to the Channel B BNC on the Access DH back panel.

Connect the power cords to the Tracker (as needed) and the Huntron Access DH.

Turn on the Huntron Access DH and any attached Tracker or instruments.

### **Installing the Device Drivers**

The device drivers below may install in a different order on some PCs than specified below. If so, find and follow the steps below that pertain to the drivers as they are loaded.

**Note for Windows 64bit users:** Some of the device drivers will attempt to auto install and fail. After following the steps below (they may not all occur), open device manager and look for items with yellow exclamation points. Update these drivers by right clicking on them. Select the install DVD for the source of the drivers if needed.

- 1. Have the Huntron Workstation DVD in your DVD drive. If you have installed the Huntron Workstation Software, you are now ready to install the drivers.
- 2. The following driver installations may happen in a different order.
- 3. If prompted to connect to Windows Update Select No, not at this time.
- 4. An Add New Hardware wizard prompts you to install a "HS-20USB". Click Next.
- 5. If the wizard prompts you to search for drivers, select Automatic and click Next.
- 6. When a message appears, indicating that the driver has not passed Windows Logo testing, click "Continue anyway". Click Finish.
- 7. Huntron Access DH with Tracker or External Model 30
  - a. An Add New Hardware wizard prompts you to install a "Huntron Tracker Model 30". Click Next.
  - b. If prompted to connect to Windows Update Select No, not at this time.
  - c. An Add New Hardware wizard prompts you to install a "Huntron Tracker Model 30". Click Next.
  - d. If the wizard prompts you to search for drivers, select Automatic and click Next.

- e. When a message appears, indicating that the driver has not passed Windows Logo testing, click "Continue anyway". Click Finish.
- 8. If prompted to connect to Windows Update Select No, not at this time.
- 9. An Add New Hardware wizard prompts you to install a "USB Serial Port". Click Next.
- 10. If the wizard prompts you to search for drivers, select Automatic and click Next.
- 11. When a message appears, indicating that the driver has not passed Windows Logo testing, click "Continue anyway". Click Finish.

Some of the device drivers may have attempted to auto install and failed. Open device manager and look for items with yellow exclamation points. Update these drivers by right clicking on them. Select the install DVD for the source of the drivers if needed.

#### **Starting Huntron Workstation**

A Huntron Workstation icon will be created on your windows desktop. Double click this icon to start the software.

The Huntron Workstation Activation dialog is displayed. This software is only licensed to be used on one Tracker and/or one Prober. The activation codes are generated by Huntron and are specific to the Tracker and Prober serial numbers. The activation codes are printed on the software DVD. If you cannot find activation codes, call Huntron technical support (425-743-3171) and provide the serial numbers for the Tracker and the Prober.

#### Follow the software tutorial.

Huntron Workstation software tutorials are included in the software DVD Documents folder and in the default installed folder (C:\Program Files\Huntron Workstation 4.3\Documents). It is also available in Tutorial section of the Help menu in the Huntron Workstation software. The file requires Adobe Acrobat Reader to be installed. The tutorial will enable a new user to get acquainted with most of the software features.

Whenever you need detailed information, click Help in the appropriate screens. The help feature is context sensitive, so you can click on the green highlighted text to get additional information on related topics.

All user's manuals are located on the Manual CD (06-5217) included in your package. Refer to the appropriate manual for the hardware you have.

If you need further assistance, call the Huntron Technical support at 1-(800)-426-9265 or (425)-743-3171 email: info@huntron.com

#### Appendix A

#### National Instruments Vision Runtime Installation

This section is to provide more details on the installation of the NI Vision Runtime software used with the Access Prober Auto Align function.

During the installation of Huntron Workstation you are be prompted to select for the installation of the NI Vision Runtime. Users of Huntron Access, Access 2 and Access DH should click **Yes**. This software is used with the Auto Align feature in Huntron Workstation.

ntron Workstation 4.3					
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13111313111113		1311 (3.3913.233)2			
		Copying Files			
		Copying Files			
Confirm					×
0					
U	CONFIRM Do you want to instal	I NI Vision Runtime for the Auto Align feature	? If the NI Vision install fails. Goto the Install	CD Vision folder, right-dick on setup.e	xe, Click Run as
	Administrator to insta				
					Yes No
				_	
		OSetun			
		www.huntron.com	class Next >	Canoel	

In general, you will be prompted with various options as the installation process proceeds. In most cases, clicking **OK**, **Next** or **Continue** will move the process to the next step.

Vision Run-Time Engine 2013	x
This self-extracting archive will create an installat and launch the installation. After installation completes, you may delete the i space.	ion image on your hard drive nstallation image to recover disk
You should not delete the installation image if yo repair the installation in the future, or if you inten installation image in a custom installer created in TestStand.	u wish to be able to modify or d to include software from this LabVIEW, LabWindows/CVI or
	OK Cancel

Select **Unzip** when prompted to extract the NI Vision installation files. Use the default selected path for the extraction.

WinZip Self-Extractor - VisRTE2013.exe	×
To unzip all files in VisRTE2013.exe to the specified folder press the Unzip button.	Unzip
Unzip to <u>folder:</u> <u>Is\Vision Run-Time Engine\2013</u> <u>B</u> rowse Qverwrite files without prompting When <u>d</u> one unzipping open: .\setup.exe	Run <u>W</u> inZip <u>C</u> lose <u>A</u> bout <u>H</u> elp

Select Next to proceed with the installation.

🐙 NI Vision Run-Time Engine 2013	
	ni.com/vision
NATIONAL INSTRUMENTS	
Vision	
Run-Time Engine	
Installing this program may remove previous software versions that are current Exit all applications before running this installer. Disabling virus scanning applications may improve installation speed. This program is subject to the accompanying License Agreement(s). National Instruments Corporation is an authorized distributor of Microsoft Silver	y installed. light.
© 1997–2013 National Instruments. All rights reserved.	NATIONAL INSTRUMENTS
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When prompted, input the requested **name, company serial number** information. The serial number is printed on the Workstation DVD, the Workstation software envelope and on the NI Vision license information sheet included with the system. Click **Next** to continue.

💷 NI Vision Run-Time	Engine 2013	
User Inform Enter the fr	nation Illowing information.	
Full Name:	Name	
Organization:	Company	
<ul> <li>Install this produce</li> </ul>	t using the following serial number	
Serial Number:	M6XXXXXXX	
Install this produce	t for evaluation	
	[ >> ]	Back Next >> Cancel

Use the default selected NI Vision applications for install as shown below. Click Next to continue.

💷 NI Vision Run-Time Engine 2013	
Features Select the features to install.	<b>NATIONAL</b> INSTRUMENTS
NI Vision Run-Time Engine 2013	The core components required for the NI Vision Run-Time Engine.
Directory for NI Vision Run-Time Engine 2013	Browse
Restore Feature Defaults Disk Cost	<< Back Next >> Cancel

When the initial installation is complete you will be prompted to activate the software. It is **highly recommended that the computer have internet access** at this point to allow for much easier activation. Click **Next** to continue.

II Vision Run-Time Engine 2013	
Installation Complete	
The NI Vision Run-Time Engine 2013 installation is complete.	
☑ Activate NI Vision Run-Time Engine software now. Uncheck this option to us Run-Time Engine in evaluation mode.	ie NI Vision
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You can select the method for software activation from online, web browser, email, phone or fax. **Automatically via an internet connection is highly recommended.** 

If you do not have internet access with the connected computer then email or phone are the next best options. You will be required to have a NI Vision serial number and computer ID (the ID number is generated when you select the phone or email option) to receive the 20 character activation code from National Instruments.

Click **Next** to continue.

VI Activation Wizard - Activating Vision Development Module 2013 Vision Run-Time		
Welcome to the National Instruments Activation Wizard		
Complete the Activation Wizard to activate your product. Activation is the process of acquiring and applying an activation code.		
Automatically activate through a secure Internet connection		
O Use a Web browser, email client, telephone, or fax machine to acquire an activation code		
Apply one or more 20-character activation codes previously acquired for this computer		
Understanding the National Instruments Software License Agreement		
How can I move an activated product to a different computer?		
Help <pre>&lt;<back next="">&gt; Cancel</back></pre>		

Input the NI Vision serial number supplied with your Huntron Access system. Click **Next** to continue.

NI Activation Wizard - Activating Vision Development Module 2013 Vision Run-Time	x
NAT INST	TONAL RUMENTS
Enter serial numbers for the products you want to activate. You can find serial numbers on your product's Certificate of Ownership or packaging.	
M6200000X Vision Development Module 2013 Vision Run-Time	
Help << <back next="">&gt; (*</back>	Cancel

Input you **NI User account user name and password**. If you do not have a NI account, use the link in the window (Create a New Account) to create one. Click **Next** to continue.

NI Activation Wizard - Activating Vision	n Development Module 2013 Vision Run-Time	x
	<b>NATIO</b> INSTRU	NAL JMENTS
An NI User Account is required to ac with software maintenance and supp	tivate our product. This enables NI to better deliver benefits associal port programs. ur NI User Account user@email.com •••••••• Forgot your password? Create a new Account	led
Help	<< Back Next >> Car	ncel

You will be prompted to choose to have the NI Vision product linked to your NI account. It is recommended that you **uncheck this option** to avoid the time consuming registration transfer process associated with this process.

Click **Next** to continue.

NI Activation Wizard - Activating Vision Development Module 2013 Vision Run-Time
National Instruments software maintenence and support programs (included with most purchases of software) provide automatic updates, access to technical support, and exclusive access to online training modules.
Help         <<< Back         Next >>         Cancel

Once the activation is complete, the window below will be displayed. Click **Finish** to close the installation.

NI Activation Wizard - Activating Vision Development Module 2013 Vision Run-Time
Products Successfully Activated!
The following products have been successfully activated. You may need to restart the associated products to use any new features.
Vision Development Module 2013 Vision Run-Time
following website:
Help << Back Finish Cancel