Table of Contents

Configuration Notes

This document provides general information on how to configure hardware components for use with the AccuMark software. For additional support please contact Customer Service. The toll-free number for the Customer Service Center is 1-800-321-2448 and the fax line is 1-860-871-3862.

Setting Up the Display

Follow these steps to change monitor resolution:

1. Select Settings from the Windows Start menu.

2. Select Control Panel.

3. Select Display.

4. Select Settings.

5. Set the Screen Resolution. Click and drag the slider bar until 1280 x 1024 (or 1600 x 1200) is selected in the Desktop area.

6. Set the Color Quality. Set colors to 256 colors or higher and select OK.

   The system may prompt you that Windows will be restarted for changes to take effect.

AccuMark Hardware Configuration

The Hardware Configuration icon is located in the AccuMark folder, from Start/Settings/Control Panel/Gerber Devices, or from the LaunchPad on the "AccuMark Explorer, Utilities" screen. AccuMark allows any peripheral to use any available port. However, it is recommended that you stay with the standard port configuration whenever possible. See Hardware Configuration Online help for details.

Hardware Configuration must be run after installing AccuMark to configure the following peripherals:

➢ Digitizer

➢ Pen and Tablet or Silhouette Table

➢ Plotter

➢ Function Box

➢ Tracker

Overview
Verification of digitized data can now be performed by any system on a network. It is no longer limited to the PC physically connected to the digitizer.

Set up the AccuMark System with the Digitizer
The AccuMark digitizer, by default, creates raw digitized data in the c:\userroot\devq\digitzer directory. In order for another PC on the network to be able to access this area, the **parent** directory must be shared to others. In this default scenario, it would be the c:\ that would need to be shared – but if this directory is shared, it is essentially exposing the entire hard drive. Therefore, it is recommended to create a new area (directory) and only share this new area and below.

The user logged into the digitizer PC must have sufficient rights to create new folders to perform the following steps. It is recommended to log in as administrator to avoid any problems.

1. Create a new digitizing directory share
For example, create c:\DigitizerFiles then create the subdirectories userroot\devq**digitzer** (thus: c:\DigitizerFiles\userroot\devq\digitzer, Note that it is digitzer and not digit**i**zer). Then share c:\DigitizerFiles to users or groups who will need access for verification. Users will need Full Control access to create, edit, and delete raw digitizer files. For help with Sharing and Security, please refer to the On-line Help in Microsoft Windows Explorer.

2. Map a drive to the digitizing directory
To see this new folder in the AccuMark Explorer, a drive must be mapped to the directory. Using the Windows Explorer select Tools, Map Network Drive. Type in the computer name of the digitizer system followed by the directory just created. In this example: select Drive letter J: and type in Folder: \\testlab88/DigitizerFiles. This new drive should appear in the windows explorer.

3. Setup an environment variable
Create an environment variable to inform the digitizer where to put the raw digitized data as it is created. Create a system environment variable named DIGITIZEDRIVE and set its value to the mapped drive just created.

To add an environment variable, display the Properties for My Computer.
- ❖ Windows XP Vista or Windows 7:Start, right-click on My Computer, select Properties.
- ❖ Select the Advanced tab, Environment Variables button.
- ❖ In the System Variables section, select New.

❖ Enter the Variable Name: DIGITIZEDRIVE and Variable Value: J (drive letter only, no colon). Select OK and continue through the remaining dialog boxes selecting OK.

4. Reboot the digitizing system
Reboot the PC connected to the digitizing system in order for this new system variable to take affect. To verify that the environment variable was set correctly, select Start, Run and type: CMD to go to a command prompt. Type: SET followed by the Enter key and note the new variable and its value. Look for "DIGITIZE DRIVE=J" (example).

5. View new drive and digitizing folder
Open the AccuMark Explorer and expand the new digitizing folder. In this example, select (J:) testlab88. A folder named Digitzer should appear.

Two additional folders are required in the userroot directory for the AccuMark Explorer to see it as a valid area. In the userroot directory, create the folder called 'storage'. Then in the 'storage' folder, create another folder of any name. This folder will not be used; it is only necessary to validate the new digitizing area. Create this folder using Windows Explorer.

You must then run AccuMark DataScan so it can put this new location in its list of storage areas. You can run the Start, All Programs, Startup, AccuMark DataScan or starting with V8.1.2, you can use the View, Refresh Storage Areas function in the AccuMark Explorer.

6. Digitize a test piece
Digitize a test piece to verify that the raw digitized piece data gets created in the new folder (to see the new data, select Refresh in the AccuMark Explorer when done digitizing). Open with Edit Digitize or Pattern Design to view the piece data (make sure the Process Preferences for Digitize Processing are set to the proper storage area).

Setup the AccuMark Systems to Verify Digitized Data on the network
Once the digitizing system has been properly setup to share the new digitizer location, the raw digitizer files can be verified by any system on the network.

To enable a remote system to verify digitized data on the network, a drive must be mapped to the digitizer system.

1. Map a drive to the digitizing directory
To map a drive to the digitizer system, select Start, Run and type in its computer name. In this example: \\testlab88, then highlight the DigitizerFiles folder and select Tools, Map Network Drive. Select a drive letter (for example, F:) and select OK. Open the Windows Explorer to verify the drive letter and connection.

Users on this remote system will need Full Control access to create, edit, and delete raw digitizer files. For help with Sharing and Security that must be applied on the digitizer system, refer to step 1 above and refer to the Sharing and Security section in the On-line Help in Microsoft Windows Explorer.

2. <u>View new drive and digitizing folder</u>
You may have to run the AccuMark DataScan program to see the new drive. Open the AccuMark Explorer and expand the new digitizing folder. For example, select (F:) testlab88. A folder named Digitzer should appear with the sample test piece name just digitized. Set the Process Preferences for Digitize Processing to <u>a storage area to be used for placing the verified piece data</u> (this must also contain the Rule Table if one was referred to during digitizing). Open with Edit Digitize or Pattern Design to view the raw digitized data.
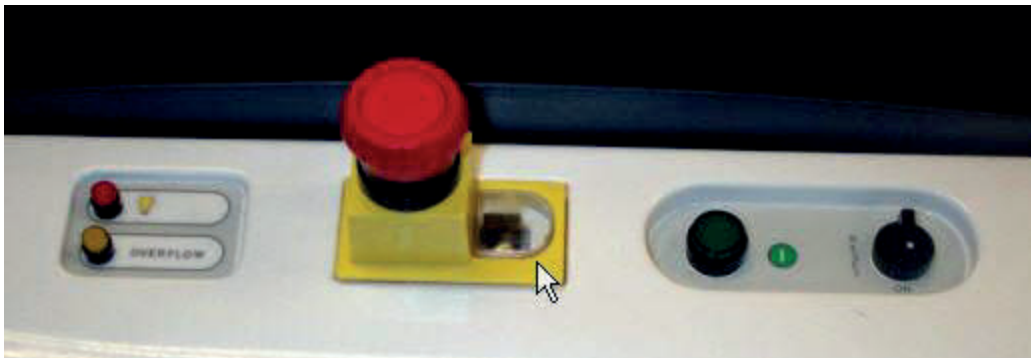
Setup is now complete. Continue digitizing and accessing the raw digitized data from the remote system. Setup other remote systems as desired, using care when more than one system accesses the same data at the same time.

Startup Procedure for Investronica P2000 Plotter

Overview

The AccuMark supports the configuration of the Investronica P2000 pen plotter starting with version 8.1.0 and higher. The AccuMark software can plot to the Investronica P2000 Plotter, however the plotter must first be initiated.

➢ Turn on plotter by pressing the power switch only. This is the switch under the clear cover.

Important! The plot queue needs to be empty when turning on the plotter. If it is not, delete the jobs in the queue and stop the plotter executable. Then, turn off the plotter.