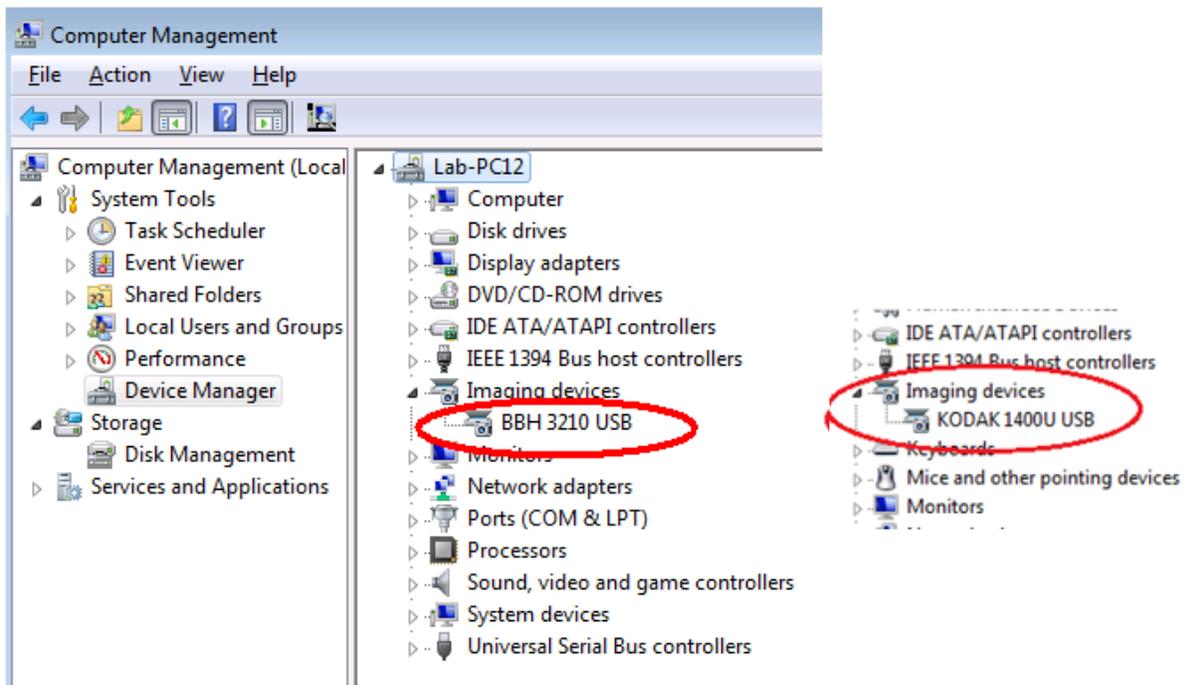# Instructions for upgrading firmware on a BBH Branded Trūper or Sidekick scanner.

These instructions were created to allow the upgrading of firmware on a BBH Branded Trūper 3210 or Trūper 3610 or Sidekick 1400u scanner to allow them to change from a BBH branded scanner to a Kodak branded scanner.

NOTE: Once a Trūper 3210 or Sidekick 1400u scanner has been updated with this firmware it must use the User Utility and drivers provided on the Kodak Installation CDs version 1.0 or higher. Older versions of the User Utility and drivers from CDs with a letter version (ie RevA or RevG) will no longer connect to the scanner.

To determine if a Trūper/Sidekick scanner is BBH branded or Kodak branded open Window's Device Manager (Right-click on My Computer and select Manage and then select Device Manager from the left pane's tree structure. If the scanner name starts with "BBH" then it is Bowe Bell and Howell branded scanner. If the scanner name starts with "Kodak" then the scanner is Kodak branded.
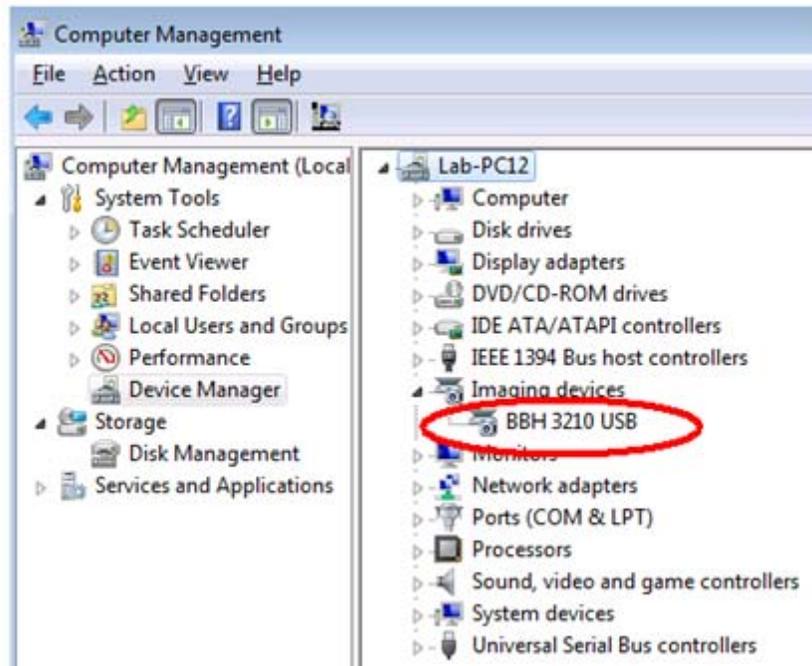

(**These instructions can also be used for a general upgrade to a newer firmware version.**)

Instructions for upgrading firmware on a
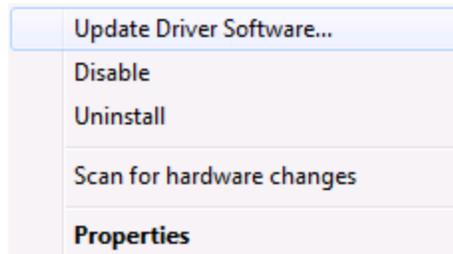# BBH Branded Trūper or Sidekick scanner.

Step 1: With these instructions you should have received a zip file. Please ensure that the contents of the zip file have been moved to the host PC connected to the Trūper /Sidekick scanner and the zip file has been decompressed.

Step 2: Open the host computer's device manager.   The Device Manager tree must show the scanner as an Imaging Device before the firmware downloading utility can be used. If the scanner does not show as an Imaging device then the firmware download tool will not be able to connect to the scanner.
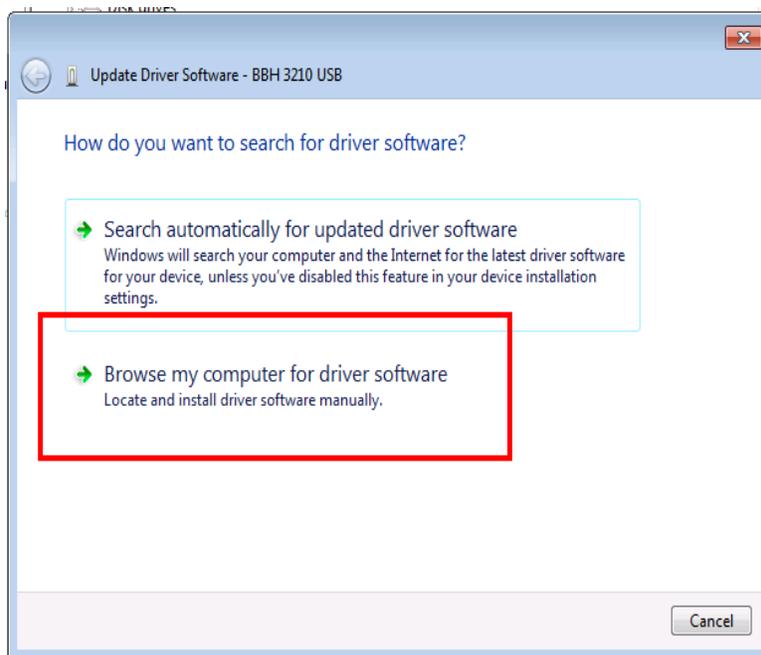
Instructions for upgrading firmware on a BBH Branded Trūper or Sidekick scanner.

Step 2.1: If the Trūper /Sidekick scanner does not show up in the device manager as an Imaging device then we must first provide the Windows OS with USB drivers for the scanner. To do this, right click on the scanner device in Device manager and then select "Update Driver Software" from the context menu.
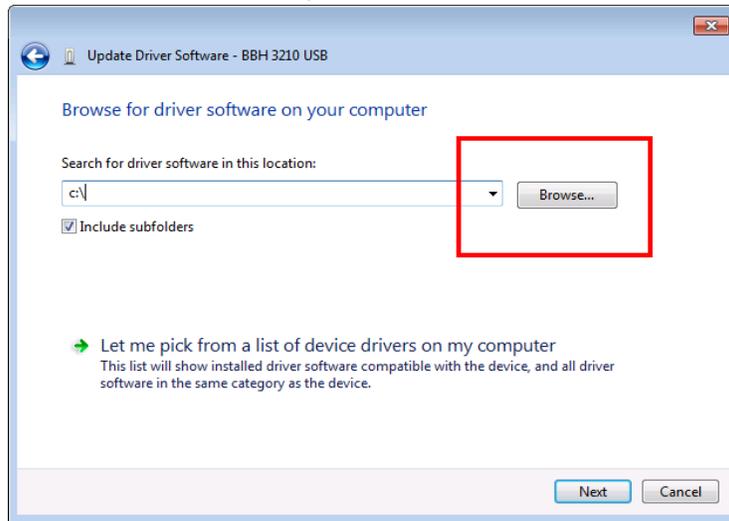
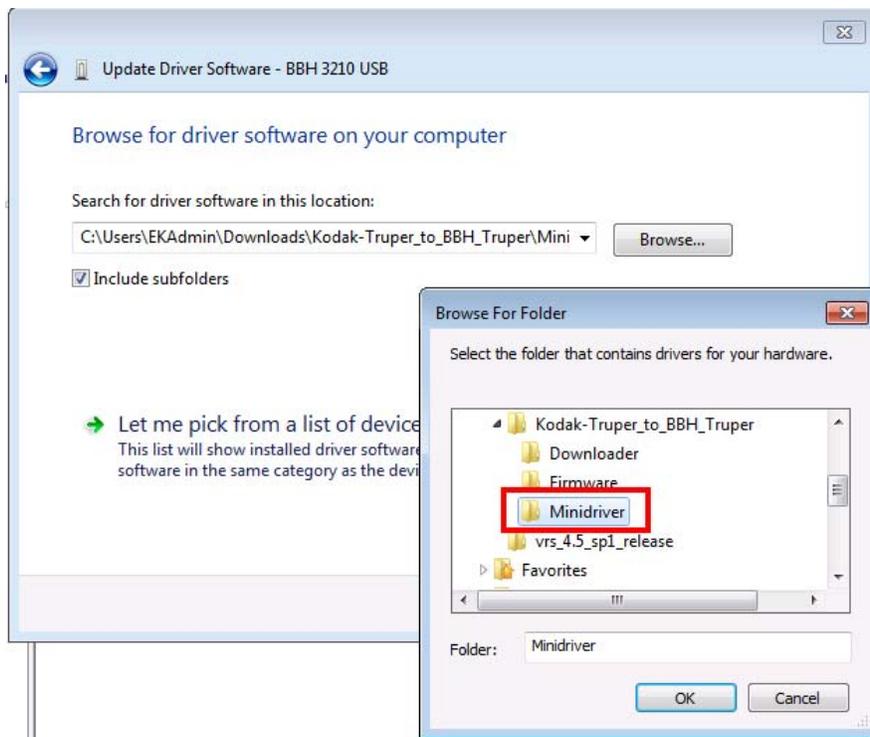Then choose Browse My Computer for driver software.

Then Choose the Browse button.

Instructions for upgrading firmware on a BBH Branded Trūper or Sidekick scanner.
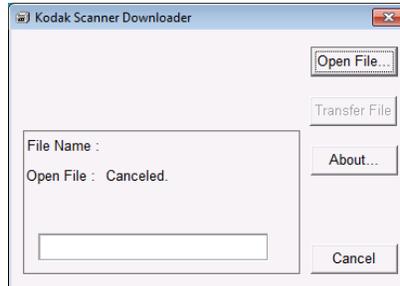

From the Browse for Folder dialog browse to the location where the files from the provided ZIP file were unpacked and select the "Minidriver" folder then OK.

Then Click Next the Windows OS will update the driver and the scanner will be classified as an "Imaging device".
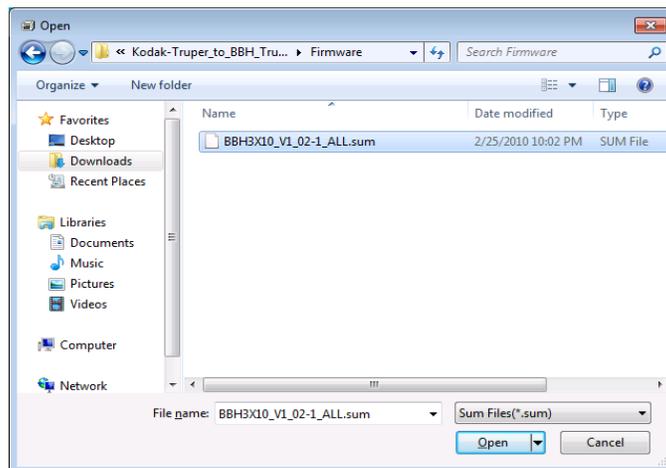
Instructions for upgrading firmware on a
BBH Branded Trūper or Sidekick scanner.

Step 3: We can now use the "DIpro32k2.exe" program to download the correct firmware into the scanner.   Start by launching the "DIpro32k2" program in the "Downloader" directory of the unpacked ZIP file. The GUI for this program should look like this.
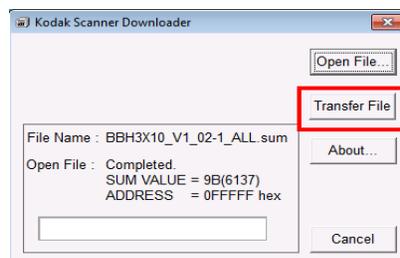

Next click the "Open File…" button and navigate to the "Firmware" directory of the unpacked ZIP file and select the firmware (*.SUM) file, then click "Open". Use the following table to determine which file to download.

- o BBH Trūper to Kodak Trūper   use   KODAK3X10_V1_01-0_CODE.sum
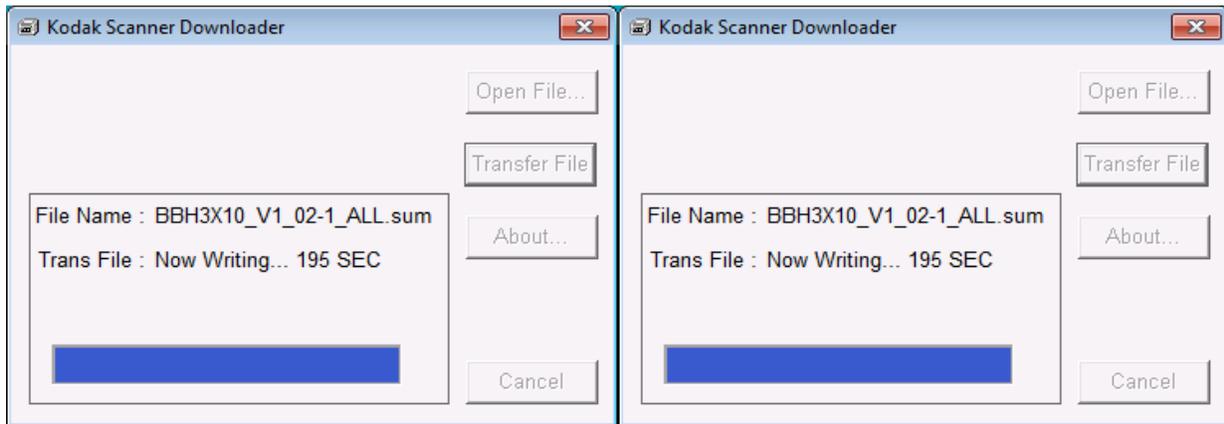- o BBH Sidekick to Kodak Sidekick   use   KODAK1400U_ALL_V1_00-0.sum

The Downloader will load and verify the file as valid and the "Transfer File" button will become available.   Click the Transfer File button.

Instructions for upgrading firmware on a
BBH Branded Trūper or Sidekick scanner.

The downloader will start a countdown timer but it will not count all the way down to 0. This is normal for the downloader to not go down to 0 before it shows the "Completed" message.

WARNING!   Do not interrupt this downloading process. Powering down the scanner or otherwise interrupting the firmware download my cause the firmware to become corrupt and render the scanner non-functional.

Step 4: Now you will need to turn the Trūper /Sidekick scanner off for 5 seconds and then back on. When the scanner boots the windows operating system should identify the scanner in the Device Manager as a Kodak scanner device in the "Imaging Devices" branch.

Instructions for upgrading firmware on a BBH Branded Trūper or Sidekick scanner.

Step 5: If the Kodak Trūper/Sidekick scanner is not shown in the "Imaging Devices" branch and you have already installed the Kodak Trūper/Sidekick Installation CD that came with the scanner, then you must now install the software on the appropriate installation CD.

If the Scanner does not automatically identify as a Imaging device in device manager then follow the steps described in Step 2 to load the device minidriver.

When this is complete the Scanner should show in the Device Manager under the "Imaging devices" branch.