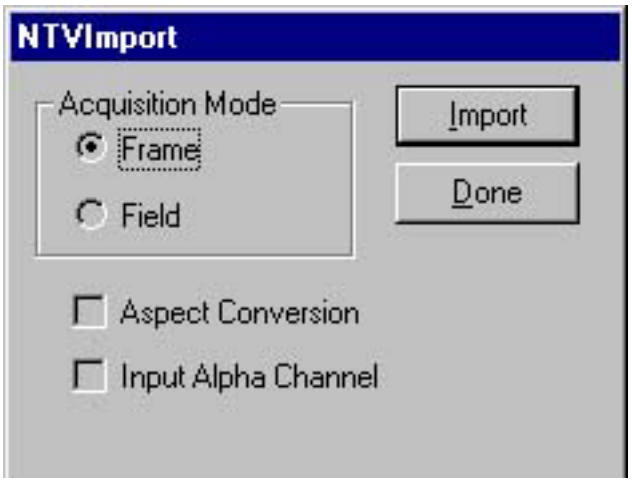
User's Guide for Photoshop 4.0 NTVImport Plug-in

Import Plug-in

The Import plug-in is responsible for importing stills from the NTV board into Photoshop. The import function from photoshop is activated via the File->Import->NTVImport menu selection. While the import dialog is displayed the video signal going into the NTV board will be looped back out the output BNC. The Plug-in will import a still each time the "Import" button is pressed. The "Done" button ends the dialog. The import dialog is shown in Figure 1, "Windows NT Photoshop 4.0 Import Dialog," on page 1. The Plug-in dialogs for the Macinstosh and SGI platforms have identical functionality.

FIGURE 1. Windows NT Photoshop 4.0 Import Dialog



The photoshop import plug-in for all platforms contain the following controls:

- Acquisition Mode.

  This control controls whether the entire frame is imported or if field 1 is imported. If there is motion video on the input then Field should be chosen. Note: If you want to control which field is imported, import the entire frame and choose the Photoshop de-interlace function.

- Aspect Ratio Conversion.

  When the Aspect Ratio Conversion box is checked this control converts 601 rectangular pixels to square pixels. For example, a 720x486 rectangular pixel 525 input to the NTV card will be converted to a 648x486 square pixel image in photoshop if the Aspect Conversion box is checked. Cubic interpolation is used to perform this conversion.

- Input Alpha Channel.

  This control will only be available if two NTV boards are installed in the current system. If so, and alpha import is enabled, then the plug-in will import the current still from one NTV board and the current alpha channel from the other board.