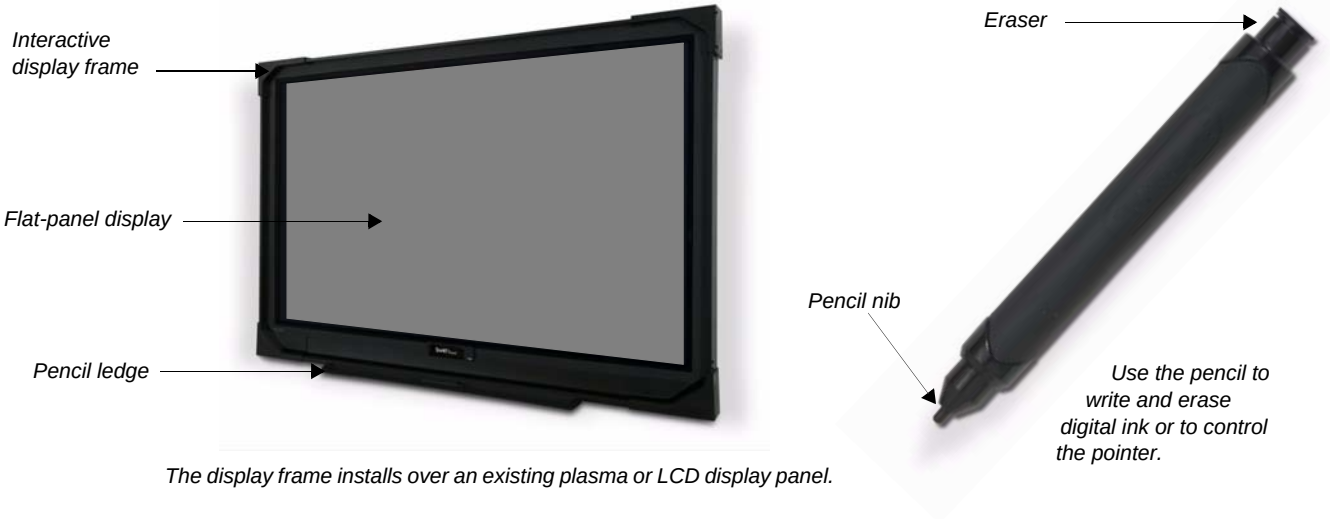
SMART Board™ Interactive Display Frame

This *Quick Reference* provides the information you need to start using the SMART Board™ interactive display frame. Before you begin, ensure that you have installed the most recent version of SMART Notebook software and SMART Board drivers on the computer connected to the display frame. For more information about Notebook software or SMART Board drivers, visit http://www2.smarttech.com/st/en-US/Country/

Hardware overview

The SMART Board interactive display frame installs over an existing plasma or liquid crystal display (LCD) panel. Connect your computer to the display panel to view the computer image directly on the display. The interactive display frame uses DViT™ (Digital Vision Touch) technology which allows you to use your finger, or the supplied pencil, to control applications and write and erase digital ink.



The display frame installs over an existing plasma or LCD display panel.

It may help you to think of your interactive display frame the same way you think of your mouse or keyboard – it is an input device that allows you to control applications on your computer. Digital cameras, located in the bottom corners of the interactive display frame, recognize the position of your finger or pencil on the surface of the display. You can control applications by touching the surface of the interactive display and you can use the pencil to write and erase digital ink.

You can find installation and setup instructions for your SMART Board interactive display frame at www.smarttech.com/st/en-us/support/FlatPanel/SPFPD400series.htm

Connecting the SMART Board interactive display frame

Before you can start using the interactive display frame you need to verify all connections and turn on your computer and display panel.

1. Connect the interactive display frame and flat panel display to your computer
2. Turn on the flat panel display and then turn on your computer. The interactive display frame draws its power from your computer and activates automatically.
3. Log on to your computer as required, using the keyboard to enter your login information. If your computer does not require you to log on, allow the computer to reach its default desktop screen.

Calibrating the SMART Board interactive display frame

You should calibrate your interactive display frame when setting it up, or if it has been moved since you last used it. Calibration orients your interactive display, ensuring your touch is registered accurately.

1 Click the **SMART Board Tools** icon in the notification area, and select **Control Panel**. The *Control Panel* window appears.

2 Click the **Connection Wizard** button. Follow the on-screen instructions as the *Connection Wizard* guides you through a series of tests for the interactive display frame cameras, pencil and eraser.

3 Click the **Calibrate** button when prompted to calibrate the interactive display frame. Do not touch the display surface until instructed to do so.

The calibration screen

4 Begin the calibration process at the upper-left corner of the calibration screen. Press the pencil firmly, at a perpendicular angle to the display, on the center of each cross until the color of the cross changes from white to green. Repeat this process for all of the calibration points.

5 Once you've proceeded through all the calibration points, the calibration screen reverts back to the *Connection Wizard* screen that you started on prior to the calibration process.

Using the pencil or your finger as a mouse

- Press the pencil nib or your finger anywhere on the display to produce the equivalent of a left-click with the mouse.
- Press the pencil nib or your finger down twice consecutively on an application icon. The double-press of the pencil nib or your finger to the display surface is equivalent to double-clicking your mouse to open an application.
- Press and hold the pencil nib or your finger on the display surface to produce the equivalent of a right-click with the mouse.

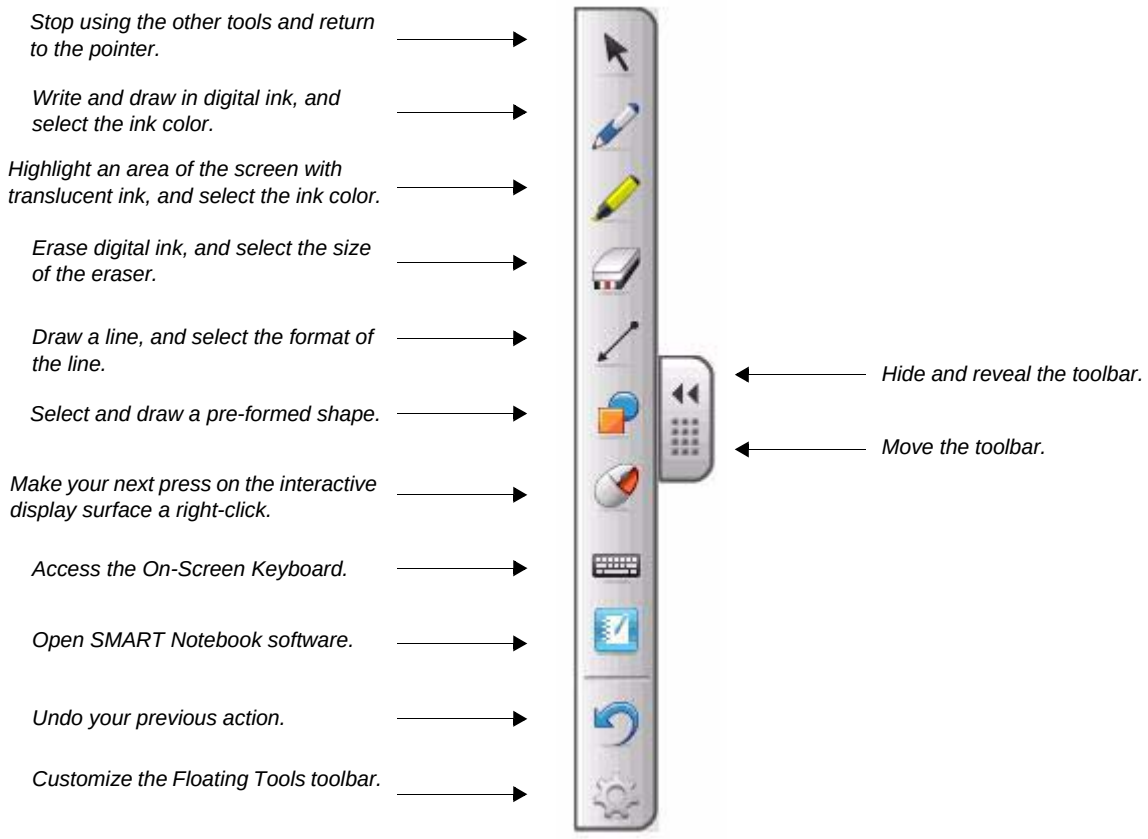
Writing and erasing digital ink

Use the pen to select a writing or drawing tool from the *Floating Tools* toolbar to write over the desktop or an application, such as Internet Explorer® internet browser or Microsoft® Word software. You're prompted to select a color or line style when you select certain writing or drawing tools. Flip the pencil over and use the eraser to remove digital ink from the display. If the *Floating Tools* toolbar isn't visible on your desktop, you can access it by selecting **Show Floating Tools** from the **SMART Board Tools** icon in the notification area.

NOTE: Do not rest your palm or arm on the interactive display when writing. This may cause the cameras to detect an unknown object and produce unexpected results.

The Floating Tools toolbar

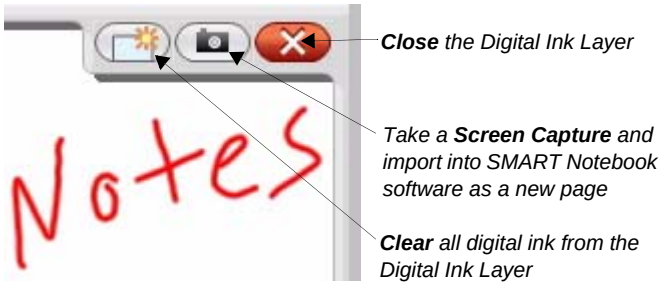
(default settings)



Saving your digital ink

You can easily save the digital ink that you've written on the interactive display for distribution and future reference.

1. Select a writing or drawing tool from the *Floating Tools* toolbar. The **Digital Ink Layer** appears as a border around your desktop, with a menu in the upper right-hand corner.
2. Write or draw your digital ink notes on the surface of the interactive display
3. Capture your digital ink notes into SMART Notebook software by pressing the **Screen Capture** button on the Digital Ink Layer menu. SMART Notebook software automatically opens and your screen capture imports as a new page.



The Digital Ink Layer

4. Open your unsaved Notebook file from the taskbar to view your captured image. Select **File > Save As**, to save your notes for distribution and future reference.
5. Press the **Clear** button on the Digital Ink Layer menu to discard all digital ink notes on the display. The Digital Ink Layer remains open and ready for additional digital ink notes.

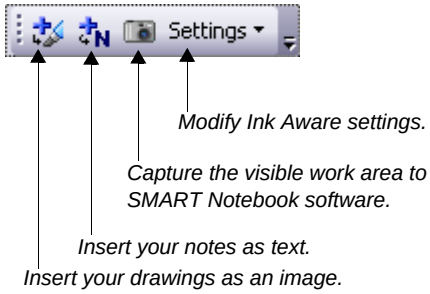
6 Change your Digital Ink Layer preferences by right-clicking on the Digital Ink Layer and selecting **Ink Layer Options**

7 Press the **Close** button on the Digital Ink Layer menu to close the Digital Ink Layer and discard all digital ink notes

8 Select the **Pointer** tool from the *Floating Tools* toolbar and return the pencil to the pencil ledge

NOTE: If the Digital Ink Layer doesn't appear when you select a writing or drawing tool from the *Floating Tools* toolbar, you may be working in an **Ink Aware** application (e.g., Microsoft Word, Excel® or PowerPoint® software). If the application is Ink Aware, a similar menu appears in the application's toolbar or as a floating toolbar.

SMART Ink Aware toolbar



SMART Notebook software

SMART Notebook software is an easy-to-use application that lets you add interactivity to presentations and lessons through an array of powerful education tools and resources. Open SMART Notebook software by pressing the **SMART Board Tools** icon in the notification area and selecting **Notebook**, or by double-pressing the **Notebook** icon on your desktop.

For more information about the SMART interactive display frame and SMART Notebook software, or to obtain additional training materials, visit http://www2.smarttech.com/st/en-US/Country/

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