

Interactive Presentation Utility 2

User's Guide

Before operating the unit, please read this manual thoroughly and retain it for future reference.

VPL-SW636C/SW631C

VPL-SW635C/SW630C/SW620C

VPL-SW536C/SW526C

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For Windows

System Requirement

- CPU: Celeron 2.1GHz or faster
 - Memory: 256MB or more (512MB Recommend)
 - Available hard drive space: 1GB or more
 - OS:
Windows XP/Vista/Windows 7^{*1}/
Windows 8^{*1}/Windows 10^{*1}
- ^{*1}: 32bit edition and 64bit edition

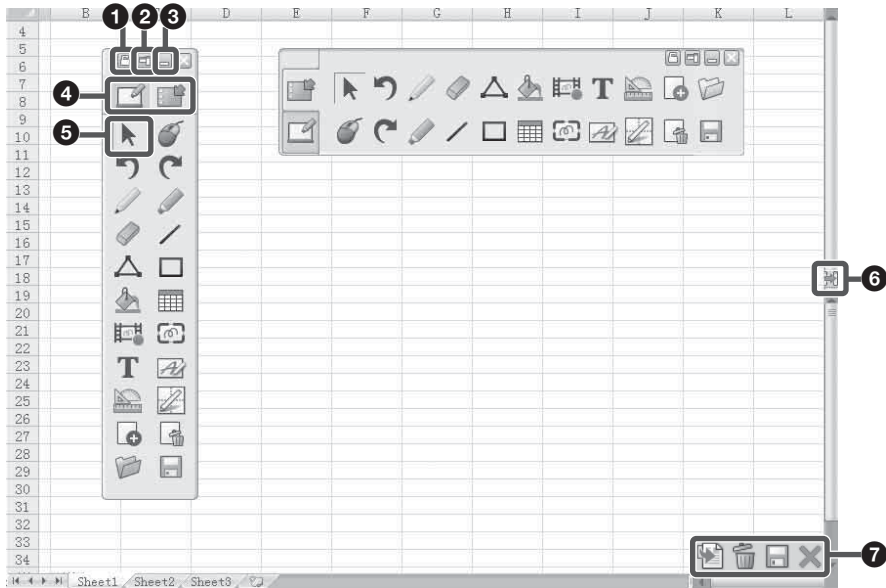
Notes

- Running this software is limited to 30 times with projector disconnected. The limit will be reset to 30 when the projector is connected.
- Calibration cannot be performed in the Extended Display mode.
- Set the DPI (Dots Per Inch) to 100% before using this software. Settings other than 100% may result in incorrect display.

Feature

- Calibration Auto
- Dual-user (Dual pen)
- Handwriting Recognition
- Whole and partial Screen Capture & Screen Record
- Editable object drawing
- Hopping tool
- Adjustable Floating Tools
- Rich education tools
(2D & 3D Figures, Ruler, Graphs, Math Functions)
- Enhanced Assistant Tools
- Courseware Making Panel

Desktop mode



1 Lock/Unlock

2 Switch Display Mode

Switches Vertical/Horizontal display of the Floating Tools.

3 Minimize

Minimizes the Floating Tools.

4 Whiteboard/Desktop tabs

Switches Whiteboard mode/Desktop mode by clicking the tab.

5 Operate Windows

When you are not in Annotation mode, you can perform normal computer operations as you usually do with a mouse. In Annotation mode, you can also perform normal computer operations by clicking the icon on the Floating Tools.

6 Hopping tool

Switch Floating Tools position

Wherever the Floating Tools is, there is a position switching arrow on the contrary side. Click this arrow to move

the Floating Tools from one side to the other. This function allows you to access the Floating Tools conveniently on large screen.

Dock Floating Tools

Move the Floating Tools to any edge of the screen and the toolbar will automatically hide itself. To show the Floating Tools, move the cursor to the edge to which the Floating Tools is docked, or click the icon.

7 Insert annotation to MS app.

Insert to Office/Clear/Save/Exit.

Insert to Office

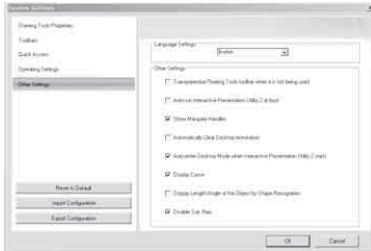
If you have opened a Word, Excel or PowerPoint document and made an annotation directly on it, you can click the icon in the lower right corner to save your annotation to the document in original form. Word/Power point/Excel (2003-2010) support built-in annotation.

Clear

Click the icon in the lower right corner to clear all annotations created by Interactive Presentation Utility 2.

Auto-clear annotation

All annotations created by Interactive Presentation Utility 2 will be auto-cleared when you switch or shut down the window. To enable this function, select “Automatically Clear Desktop Annotation” in “Other Settings” from “System Settings.” This function is selected by default.



Save

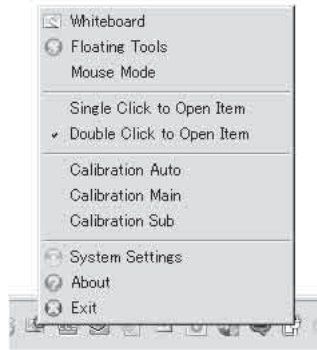
Click the icon in the lower right corner to capture the current screen to the whiteboard page. All annotations can be edited at a later time.

Go to Previous or Next page of an Office file

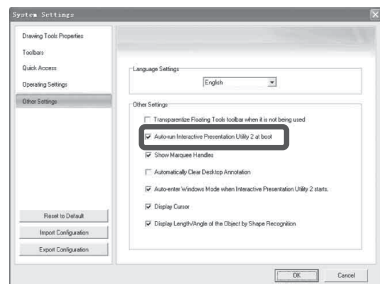
You can click  and  on the Floating Tools to go to the Previous or Next page of the office file.

Mouse Mode

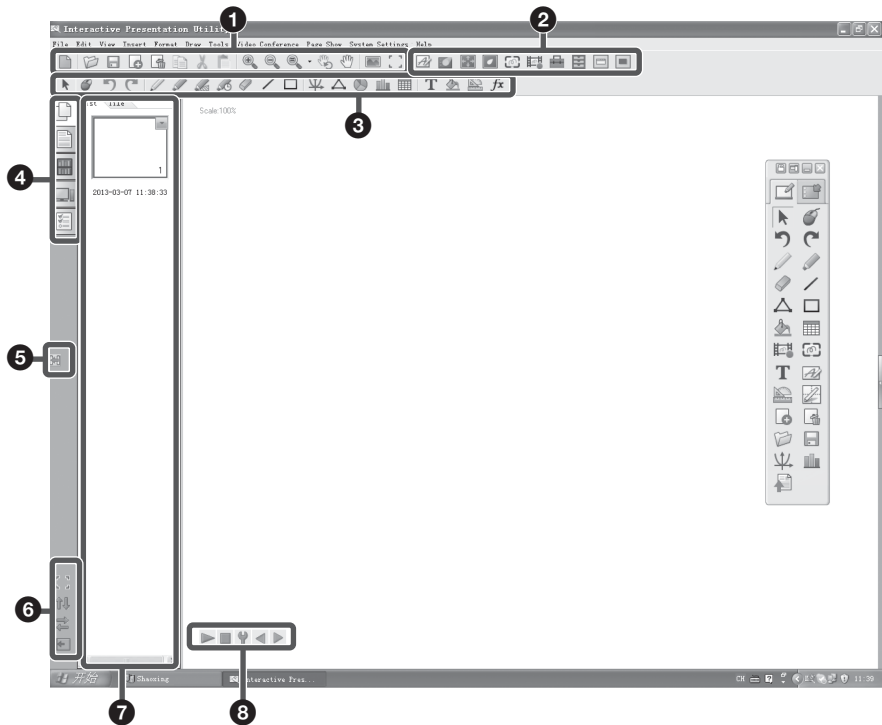
By selecting “Mouse Mode,” only the mouse function of the Interactive Pen Device will be enabled, with a simplified user interface. This is convenient for educational computer software or other applications using only the mouse function. Click the icon for Interactive Presentation Utility 2 in the task bar to display the pop-up menu, then select “Mouse Mode.” Selecting again will disable it.



To enable the mouse function at PC startup, select “Other Settings” from “System Settings,” then select “Auto-run Interactive Presentation Utility 2 at boot.”



Whiteboard mode



- 1 Common tools**
- 2 Assistant tools**
- 3 Drawing tools**
- 4 Resource Panel**
- 5 Hopping tool (page 4)**
- 6 Full Screen/Move Toolbar
(Moves toolbar up or down)/
Move Resource Panel (Moves
Resource panel)/Hide Preview**
- 7 Preview**
- 8 Annotation recording (Reviews
operations)**
Play/Stop/Settings/Previous Page/Next
Page

Dual-user (Dual pen)

Main Pen toolbar (Floating Tools)



- The main pen toolbar is displayed when Interactive Presentation Utility 2 is activated.
- For customizing, click “System Setting” > “Toolbars” > “Floating Tools” in the whiteboard mode.
- Functions which are not activated are displayed in gray in the desktop mode.
- Click  to move the Floating Tools.

Note

This is for the main pen only.

Sub Pen toolbar



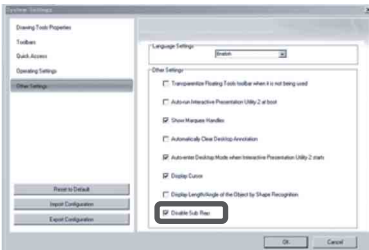
- Push the button on the sub pen to display the sub pen toolbar.

Notes

- This is for the sub pen only.
- The sub pen toolbar cannot be customized.

Disable sub pen

Select “Other Settings” from “System Settings,” then select “Disable sub pen.” Only the main pen will be enabled.



Calibration Auto/Manual

Calibration aligns the points where the pen (Main and Sub) is pointing and where the projector displays the cursor on the screen. “Calibration Auto” allows you to execute the calibration automatically.

Main Pen toolbar



- ① Calibration Auto**
- ② Calibration Main**
- ③ Calibration Sub**
- ④ Saving calibration data**

Click “Calibration” to select “Calibration Auto.” The calibration starts automatically.

Note

Observe the precautions noted below during the calibration.

- Avoid placing obstacles between the interactive detector and the screen.
- Do not move the projector and the screen.

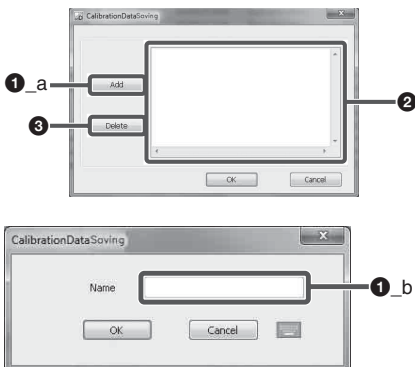
If Calibration Auto does not calibrate properly, try the following methods.

- Shield the screen from strong, direct outside light.
- Reduce the ambient light while Calibration Auto is performed.

- If Calibration Auto still does not calibrate properly after reducing the lighting as suggested above, click “Calibration Main” and “Calibration Sub”, then calibrate manually.
- If you use a screen which is not white, Calibration Auto may be inaccurate.

Saving calibration data

Calibration data for respective operating conditions can be saved. You can use the interactive function with the settings specified for certain operating conditions by selecting the saved data.



① Save (name/overwrite)

Press the  button to display the calibration data list. Press the [Add] button to save the current calibration data with a new name. The saved data will be added to the calibration data list.

② Apply the selected save data

Select your desired data from the list and press the [OK] button to apply it.

③ Delete the selected save data

Select the unwanted data from the list and press the [Delete] button to delete it.

Pen tracking speed adjustment

Tracking speed of the Interactive Pen Device can be adjusted. If you are concerned about shakes in drawn lines, set it toward “Slow”. However, setting toward “Slow” results in a slow response when you draw fast. If you set “Auto,” the pen tracking speed is automatically adjusted according to the drawing speed.



Pen detection sensitivity adjustment

If you are using the Interactive Pen Device in too bright a room, the pen position may not be detected accurately and may cause drawing errors. This function adjusts the pen detection sensitivity to optimize the system to the brightness of the room.

While using the Interactive Pen Device, the pen may not be able to draw or the lines may cut intermittently under the following conditions. In this case, click this button to improve the symptoms.

- A bright light is used or there is sunlight and the entire environment is bright.
- The screen is directly exposed to a bright light or sunlight.

Note

During adjustment, the picture will turn black. Please wait a while.

Management Tools

File Management

New

Create a new file.

Open

You can open .cdf, .cdp, .iwb, .pdf, .doc, .ppt, .xls, .docx, .pptx and .xlsx files.

Close

Click “File” and select “Close” on the Menu bar to close the current file.

Save/Save as

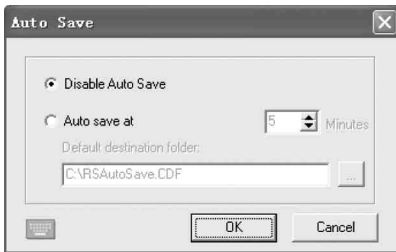
You can save the current file in a choice of formats, including .bmp, .emf, .wmf, .iwb, .pdf, .cdp, .jpg, .html, .gif, .png, .tif, .doc, .ppt, .xls, .docx, .xlsx, .pptx, .cdf. The file will be named by the current time automatically.

Save as Template

If the layout of the current file is likely to be frequently used in the future, you can also save it as a template, which can be retrieved from the Template tab. Click “File” and “Save as Template” on the Menu bar to save the current file as a template.

Auto Save

The Auto Save function can minimize your data loss in the event of unexpected problems. Click “File” and select “Auto Save” on the Menu bar to set the Auto Save function.



Print

You can print a file in Interactive Presentation Utility 2. Click “File” and select “Printer Settings” to set the printer, then click “Print” or “Print Current Page” to print the pages you need.

Send E-mail

Click “File” and select “Send E-mail” to send the current file as an e-mail attachment in .cdf, .pdf, .ppt formats.

Page Management

New Page

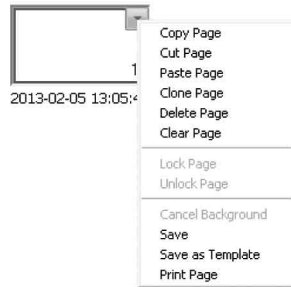
Insert a Blank Page after the current one.

Delete Page

Delete the current page.

Copy/Cut/Paste

Select the thumbnail of the page you want to copy/cut/paste on the Page tab.



Clone

Click the menu arrow on the page thumbnail and select “Clone Page” or right-click on the page thumbnail and select “Clone Page.” The cloned page appears immediately after the current page.

Insert page number

Click “Insert” and select “Page Number” on the Menu bar, then you can set the page number position and start page number in the Page Number window that appears.



Zoom

By default, the whiteboard pages are displayed in their actual dimensions. But you can use the zoom tools to enlarge or reduce the size of the whiteboard page.

-Zoom in / Zoom out

After the mouse pointer becomes a magnifier, click the page to enlarge or reduce it. When you click, you can also hold and drag a square to zoom in an area.

-Restore Page

Restore a page to 100%. You can also select from 50% to 200% from a drop-down menu.

-Fit Page

Make the entire page fit your display.

Move Page

A whiteboard page can be infinitely extended. You can move a page to obtain more space or to display any part of the page on screen.

Return Page

Return a moved page to its original position.

Insert Page Background

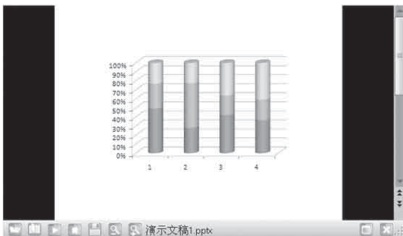
You can specify a single color, gradient, grid pattern, or an image (.jpg, .jpeg, .wmf, .emf, .png, .bmp) as a page background.



Other management tools

Embedded Window

You can embed an Office documents (doc, xls, ppt, docx, xlsx, and pptx) or a website in a whiteboard page. To add an embedded window on a whiteboard page, select “Embedded Window” on the Menu bar, or click the icon on the Toolbars, then move the cursor to the position you want to embed and click it. The window appears as follows:



Note

.xls or .xlsx files can not be embedded while other .xls or .xlsx files are open.

Open 	To reopen the file or webpage you want to embed.
Edit 	To read the file or webpage you have opened.
Play 	To play the opened file.
Stop 	To stop playback.
Save 	To save a word or excel file revised by the current user.
Zoom in 	To zoom in the opened office document or webpage.
Zoom out 	To zoom out the opened office document or webpage.
Maximize 	To Maximize the window.
Restore 	To restore the maximized window to original.
Close 	To close an embedded window. It is displayed as an object on the whiteboard page.

Frequently Used Applications

You can quickly access an external program or file. To access Frequently Used Applications, click “Frequently Used Applications” on the Menu bar, or click the icon on the Toolbars. The Application toolbar appears (displaying IE Program by default).



Click a shortcut icon on the Application toolbar to directly open the external program or file. Meantime, you can click  to add or delete an application.

Drawing Tools

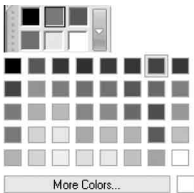
Freehand Drawing Tools

Freehand Drawing Tools are the most frequently used tools, with which you can annotate, write and draw on the interactive screen. Freehand Drawing Tools include Pencil , Brush Pen , Creative Pen  and Magic Pen . Properties can be adjusted as required. Objects drawn by Magic Pen will fade out in 8 seconds. Magic Pen also provides Tool Recognition to open Reveal Screen, Spotlight, Magnifier and even to delete an object by drawing given shapes. You can customize the properties of Freehand Drawing Tools as follows.

Color, Thickness, Transparency

Double-click any color, thickness or transparency button or click the menu arrow of sections to adjust them.

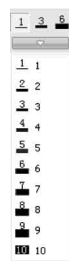
Color



Transparency



Thickness



Pattern



Gradient



Line Type

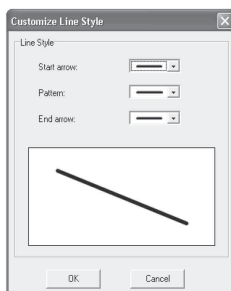
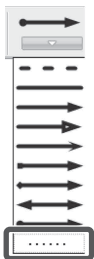


Lock: 

Keep the Sub Pen toolbar on the screen while drawing.

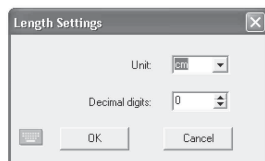
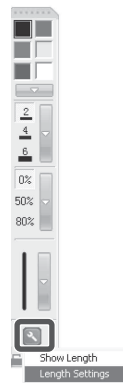
Line Type

Click the menu arrow of the Line section, then select the line style you want from the list. You can also select Line Style from “Customize Line Style” window.



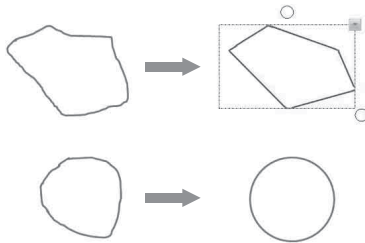
Show Length

When you add a line to the whiteboard page, you can display the line length. Click  and select “Show Length.” You can also set the unit and decimal digits of length from “Length Settings.”



Shape Recognition

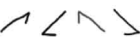
Pencil tool  also provides a Shape Recognition function. If you enable this function, a stroke drawn by Pencil tool will be automatically revised to Solid Line, Arc, Circle, Rectangle, Triangle or Polygon, and adjacent solid lines will be automatically combined to form a polygon. Click Pencil tool icon to show the Property toolbar. Then click  to activate the Shape Recognition function. Select the shape to show its points, then click and drag any point to change the shape.



Tool Recognition

Magic Pen tool  also includes a Tool Recognition function. If you enable this function, you can open Spotlight, Magnifier, Reveal Screen and Object Eraser with Magic Pen.



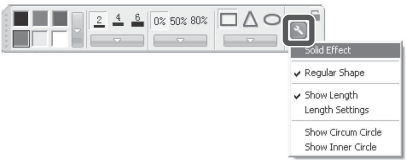
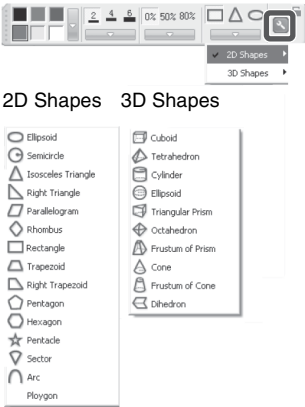
	Draw a circle to open Spotlight.
	Draw a square to open Magnifier.
	Draw a left or right arrow to open Reveal Screen (Left-right).
	Draw an up or down arrow to open Reveal Screen (Top-bottom).
	Draw an inclined arrow to open Reveal Screen (All-Directions).
	Scribble on an object to clear it.

Shapes

Different kinds of 2D and 3D shapes are provided. You can customize the properties of the Shapes tool.

Shapes style

3 shape buttons are provided on the Properties toolbar of Shapes tool, including Rectangle, Triangle and Circle by default. To apply other shapes, double-click any shape button or click the menu arrow of the Shape section.



Other Settings

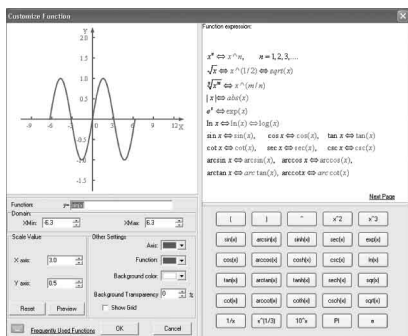
Click “Settings” on the Properties toolbar to apply other settings.

Functions

More than 20 kinds of function graphs are provided. Click the Function tool to choose one of the available function graphs, then click where on the screen you want to place the function graph. You can click on the function curve to select only the function curve, or select the whole function graph by clicking on the coordinate system.

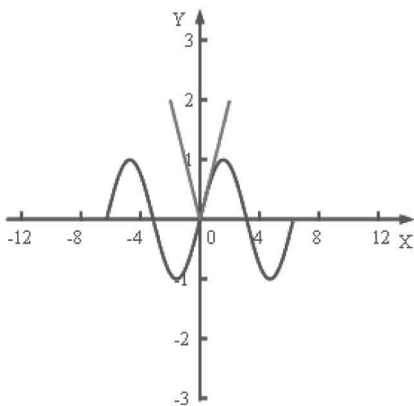
Function Expression

To customize your own function expression, click the icon to show the properties. Click the menu arrow. Select “Customized” to show the “Customize Function” window. Click “Frequently Used Functions.” The function expression is displayed on the right-hand side. You can define the Function, Domain, Scale Value and other settings.



Share Coordinate System

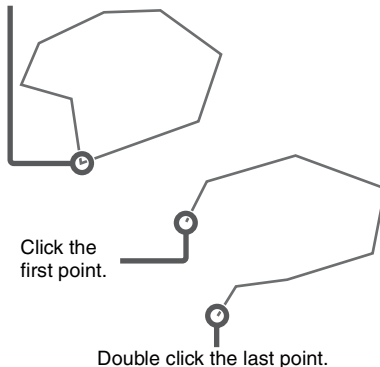
You can put all functions together on one coordinate system by clicking at the bottom of the Properties toolbar. If Share Coordinate System is selected already, you can click it again to cancel.



Point to Point

This tool allows you to create a Polygon or a Polyline. To create a polygon or a polyline, click the icon, and click different points to create a polygon or polyline. Double-click the last point to end the polygon or polyline. You can also overlap the last point with the first one to make a shape. All the points can be removed. Point to Point tool can also be customized.

Overlap the last point to the first point.



Table

In creating a table, you can set Frame color, Thickness, Transparency, Row number and Column number in the Property toolbar. You can then create a table by pressing where you want to place the table on the screen and dragging until the table is the desired size.

Row and Column Number

You can select row and column numbers from 1 to 20. Enter numbers directly, or adjust numbers by the arrow buttons.



Table Operation



After selecting a cell, the following operations become available:

-Text Input

You can also double-click a cell to insert text into it.

-Insert Row/ Insert Column

A new row or column will appear next to the current one.

-Delete Row/Delete Column

The selected row or column will be deleted.

-Split Cell

Select a cell and click the icon. A “Split Cell” window appears. Enter row and column numbers to split the cell.

-Merge Cells

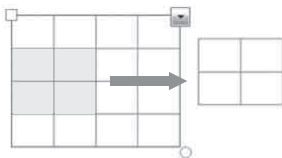
Select several cells to merge them.

-Move

Click the square icon in the upper left corner of the table, then drag the table to a different position on the page.

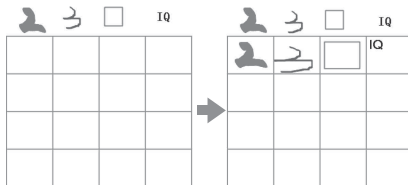
-New Table

If you select multiple cells and drag them to a different position on the page, you will create a new table consisting of the selected cells and their contents.



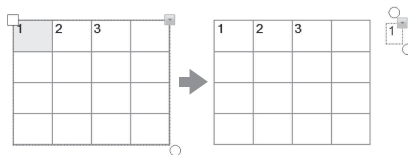
-Add Objects to Cell

Select the target object and drag it to the table cell.



-Move Object from Cell

Select the target object, then drag it from one cell to another, or to the page.



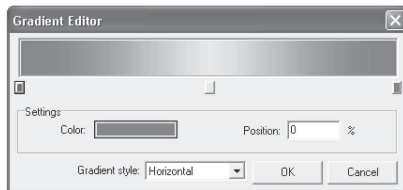
Fill

You can fill Color, Gradient, Trellis or Image (jpg, jpeg, bmp, png, wmf, emf) to any closed geometry.



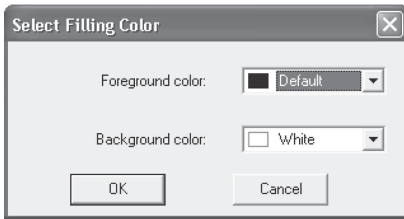
Fill with Gradient

Six gradients are provided by default. To apply another gradient, double-click any gradient fill button, or click the menu arrow, then set the gradient in Gradient Editor. To add a new gradient, please click below the gradient bar to define color stop(s). You can also select a gradient direction.



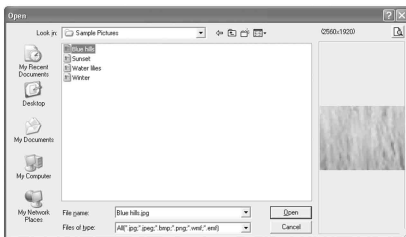
Fill with Pattern

Six patterns are provided by default. To apply another pattern, double-click any pattern fill button, or click the menu arrow, then set the foreground color and background color.



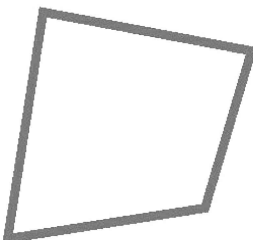
Fill with Image

Double-click the image fill button, or click the menu arrow to select an image file to fill.



Clear the Fill Effect

Click  on the Property toolbar, then click the geometry. The Fill effect will be cleared.



Eraser

Five erasing methods are provided, including Small Circle Eraser, Middle Circle Eraser, Large Circle Eraser, Object Eraser, Circle Eraser, Area Eraser and Erase All.



1 Eraser (Small/Middle/Large)

2 Object Eraser

Select the icon and click an object to clear it.

3 Circle Eraser

Select the icon and draw a circle around the object(s) you want to erase.

4 Area Eraser

Select the icon and drag a Rectangle around the object(s) you want to erase.

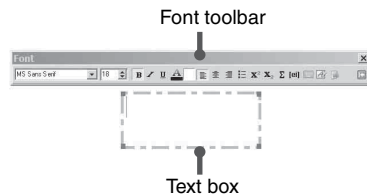
5 Erase All

Select the icon and click on a page to remove all objects from the page.

Objects created by "Shapes" or "Point to Point" tool can only be erased by the Object Eraser or the Erase All. The Circle Eraser or the Area Eraser cannot be used in this case.

Text T

Select and click the button where you want the text to start on the page. The Text box and Font toolbar will appear.



Input Text

You can input text with On-screen Keyboard  or Handwriting Recognition . You can also import text from .txt file to the Text box.

Handwriting Recognition

Interactive Presentation Utility 2 can recognize your handwriting as letters, numbers or symbols. You can click  on the Handwriting Recognition toolbar, and select the recognition type.



Change Text Format

Change the text format, including Font, Bold, Italic, Underline, Color and others, with Font toolbar if necessary. You can also annotate Phonetic for text in English by clicking .

Note

If you are teaching Chinese in your class, you need to change the interface language to Chinese first. Activate Text tool the same way, and you can click  to annotate Phonetic (Pinyin) for text in Chinese. However, you need to install Microsoft Pinyin IME 2003 to enable this function.

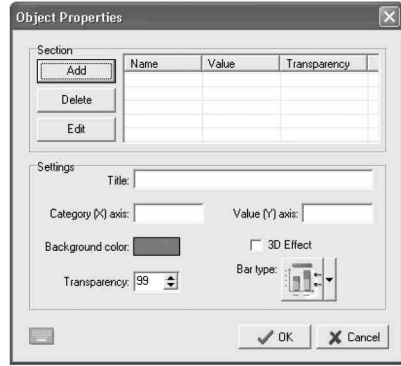
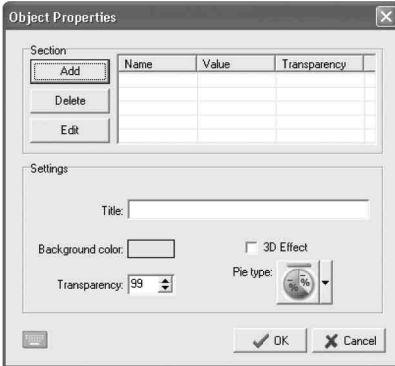
Edit Text

Right-click on the selected text to copy, cut, paste, delete, select all or undo the text. Right-click can be performed by a long push of the Pen tip (main only), or clicking .



Pie Chart and Bar Chart

Select the button, then click where on the screen you want to put the Pie Chart or the Bar Chart.

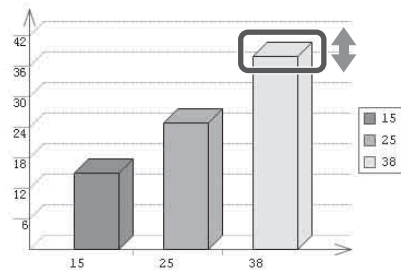
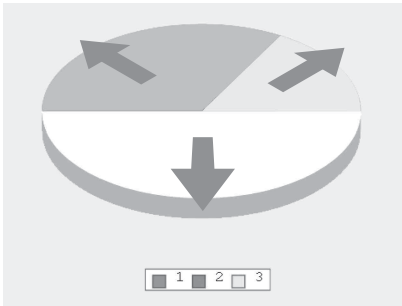


The above setting windows allow you to set a Name, the Value and Transparency for either type of chart.

Additional settings are as follows:

Pie Chart: You can set a Title, Background color, Transparency, 3D Effect and Pie type.

Bar Chart: You can set a Title, Category(X) axis, Value(Y) axis, Background color, Transparency, 3D Effect and Bar type.



The above setting windows allow you to do the following:

Pie Chart: You can adjust the size of individual sectors and use the Fill tool to set the color for sectors.

Bar Chart: You can adjust the size of individual bars directly and use the Fill tool to set the color for bars.

Formula Editor $\mathcal{f}_x$

Formula Editor allows you to add complicated math formula or chemistry equations on the whiteboard page. Select the button and click on the page, then the Formula Editor window will appear.



Edit box

Enter a formula in the Edit box ☐.

$$\sin (A + B) = \sin (A) \cdot \cos (B) + \sin (B) \cdot \cos (A)$$

Click on the page, and the formula you input will appear.

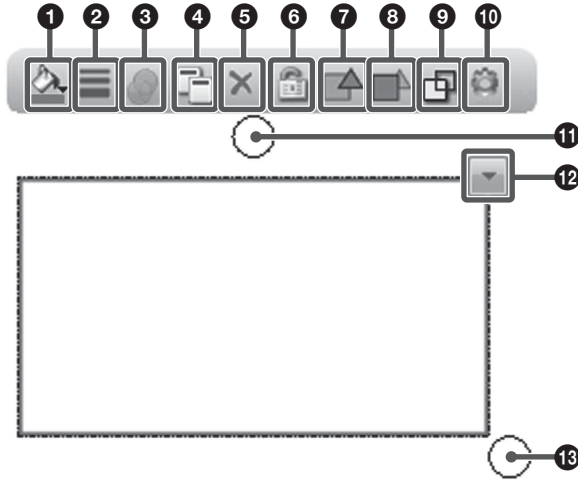
Note

In Windows 7, you can click  in Formula Editor to enable the Formula Recognition function, which allows you to enter a handwritten formula.

Manipulate Objects

Marquee Handles

Frequently used edit tools will be provided in Marquee Handles according to the object you select. You can choose from these tools to edit the object.



- | | |
|-----------------|--------------------|
| ❶ Color | ❸ Send Backward |
| ❷ Width | ❹ Solid/Hollow |
| ❸ Transparency | ❺ Settings |
| ❹ Clone | ❻ Rotate |
| ❺ Delete | ❼ Right-click menu |
| ❻ Lock/Unlock | ❽ Scale |
| ❼ Bring Forward | |

Other functions

-  Review Freehand Drawing
-  Group/Ungroup
-  Text Input

Right-click Menu

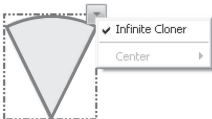
Copy, Cut, Paste, Clone

You can copy, cut, or clone any object on a page, and paste it on the same or different pages.



Infinite Cloner

You can clone one or more objects as many times as you want.



Delete

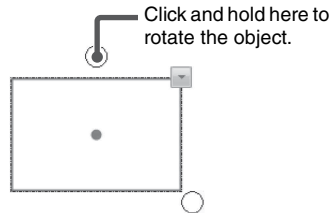
Delete one or more selected objects.

Select All

Select all the objects on the page.

Rotate Object

When an object is selected, a selection rectangle appears around the object. You can find a rotation handle above the rectangle. By default, the object rotates around its central point. You can define another base point by dragging the central point.

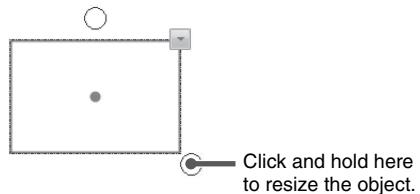


Center

You can show or hide the center point of an object.

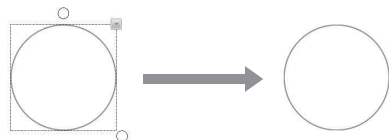
Zoom Object

You can select one or several objects, and drag the resize handle to resize objects.



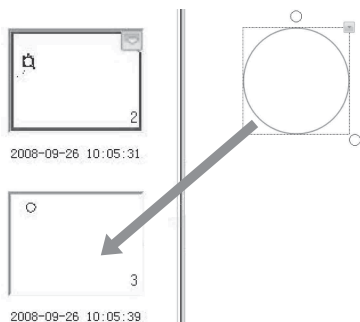
Move Object

You can move objects to another position on the same page. You can also move objects to another page.



To move an object to another position on the same page, select one or more objects, then drag to a new position on the page.

To move objects to another page, select one or more objects, then drag onto the thumbnail of another page on the Page tab.



Group Objects (Ungroup)

You can group several objects together, and manipulate or edit them as though they were a single object.

Note

You cannot group Label Tools (Math Tools), Function Tools, Pie Chart or Bar Chart.

Order Objects

If the objects overlap you can change their placement. Select “Bring to Front,” “Send to Back,” “Bring Forward,” or “Send Backward.”

Align Objects

You can align the bottom, top, left/right sides or centers of selected objects.

Layout Objects

Auto Layout and Customized Layout are available.

Mirror Object

You can insert a mirror object quickly by selecting “Mirror Left,” “Mirror Right,” “Mirror Up” or “Mirror Down.”

Show/Hide Object

You can choose to show or hide object(s).

Insert Annotation

Interactive Presentation Utility 2 allows you to add your own notes and annotations to an object. Inserted annotations can be re-edited or removed.

Flip Object

You can flip an object horizontally or vertically.

Insert to Background

You can insert one or more selected objects to background. The object(s) inserted to background cannot be manipulated or edited.

Save Object

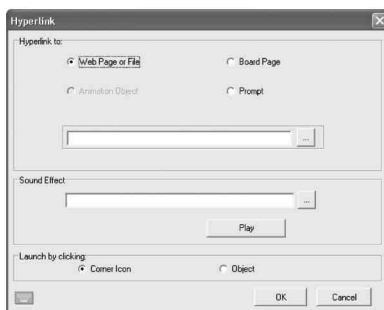
You can save one or more objects as image files in .bmp, .png, .gif, .jpg, .emf, .wmf, or .tif format.

Lock Object

You can lock an object to prevent its modification, movement or rotation. You may also unlock it at any time.

Add Hyperlink to Object

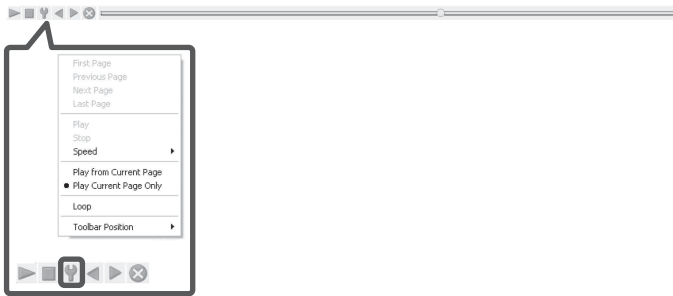
You can hyperlink any object on the whiteboard page to a web page, or a file on your computer. Right-click the selected object, then select “Hyperlink.” The Hyperlink window appears as follows:



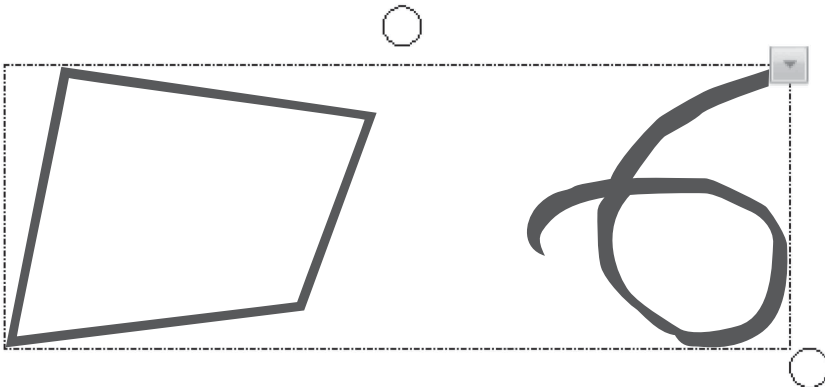
You can hyperlink the object to a file, web page, FTP, or website. If you want to add a sound effect when launching the hyperlink, browse and select an audio file in for Sound Effect section. You can choose to open the link by clicking the Corner Icon or the Object itself.

Review Operation (all objects)

When you are creating and manipulating objects, Interactive Presentation Utility 2 automatically records your operations, allowing you to review them anytime.



Review Freehand Drawing (The operation by one pen only can be recorded)

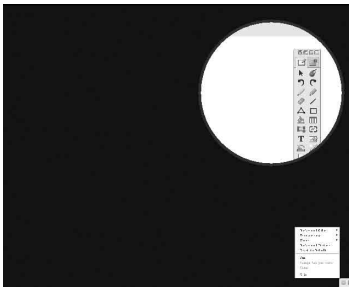


Screen Tools

Interactive Presentation Utility 2 provides various kinds of screen tools, including Spotlight, Reveal Screen, Screen Arrow, Highlight and Black Screen. You can get these tools from “Tools” in the Menu bar, Toolbars or Floating Tools.

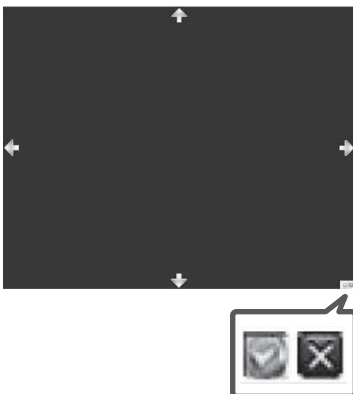
Spotlight

You can drag the rim to zoom and move the spotlight. The lower layer of highlighted area can be operated. You can click  on the bottom right of the screen to adjust the properties of spotlight.



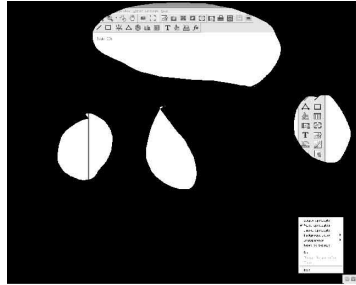
Reveal Screen

Three reveal methods are provided: Top-bottom, Left-right, all directions. The uncovered area can be operated. You can click  on the bottom right of the screen to adjust the properties of the Reveal Screen function.



Highlight

You can click in the bottom right of the screen to adjust the properties of Highlight, such as Background color and Transparency. You can also select Single Spotlight or Multi Spotlights to highlight single or multiple areas for attention.



Text to Speech

The text on the board page can be read with voice. To use the Text to Speech tool, select “Text to Speech” on the Menu Bar, or click .



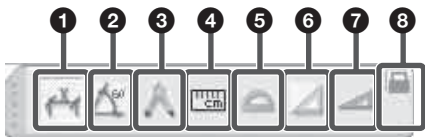
Move the cursor to the text you want voice reading and click the text. Voice reading of the text begins. By default, the text is read in English or the same language as your OS. You can click on the above setting bar to select another language (depends on the OS installed in your PC.) You can also adjust the reading speed  and volume .

Note

User can download and install another TTS speech database from the Internet. After installation, the installed language will be added to the Setting  list.

Label Tools (Math Tools)

Interactive Presentation Utility 2 provides various kinds of Label Tools, including Dimension Label, Angle Label, Dividers, Ruler, Protractor, Isosceles Right Triangle and 30° Right Triangle. You can access Label Tools by selecting  from “Tools” on the Menu Bar, Toolbars or Floating Tools.



1 Dimension Label

You can use Dimension Label for annotating distance between two points. To add a dimension label on a page, move the cursor onto the page, determine the start point of the dimension and click, then move the cursor to another point and click. These two points will be linked automatically, and the length will be displayed.

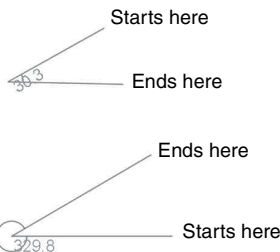


2 Angle Label

You can use Angle Label tool to measure an angle, and modify the magnitude of the angle again. To add an angle label on a page, move the cursor onto the page and click to determine the vertex, click again to determine one side of the angle, then move the cursor. The relevant angle will be displayed on the page.

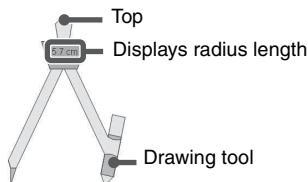
Note

The displayed degree of the angle label is that which is created by the second plane, rotating clockwise from the first plane.



3 Dividers

You can use Dividers tool to draw an arc or a sector. To move dividers, click the top or left foot of the dividers, and hold while moving the dividers to the next position. To change radius, click the right foot of the dividers, and hold while moving to the left or right horizontally. The new radius length is displayed on the dividers. To draw an arc or a sector, click and hold the drawing tool on the dividers, then rotate to draw. You can change properties from the Right-click menu, such as color, transparency, decimal digits, units (The drop-down menu includes cm, mm, pix, inch). You can also type in a unit manually.



4 Ruler

You can use Ruler to measure objects and to draw a line in any particular size (10cm by default; can be extended infinitely). To add a ruler on a page, please move the cursor onto the page, determine the position of the ruler and click. The ruler will be displayed on the whiteboard page.

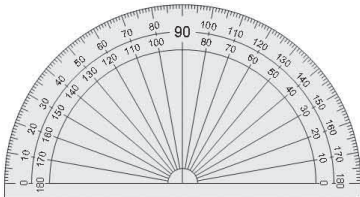


You can also use Line tool to draw a straight line of a chosen length along the scales of the ruler. When rotating the ruler, the current angle of rotation is displayed in the center of the ruler.

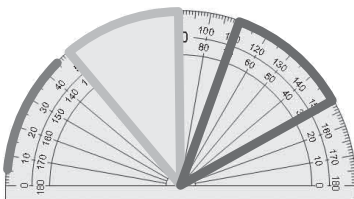


5 Protractor

You can add a protractor on the whiteboard page. You can also use the protractor to measure angles and draw arcs of a chosen angle. To add a protractor on the whiteboard page, move the cursor onto the page, determine the position of the protractor and click. The protractor will be displayed on the page.



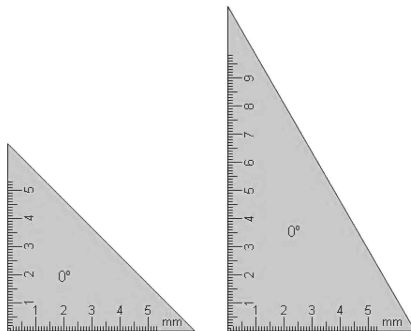
You can also select Arc, Solid Sector or Hollow Sector from the Right-click menu, and then use Line tool to draw a selected shape along the protractor scales.



6 Isosceles Right Triangle

7 30° Right Triangle

Two Right Triangle tools are provided, Isosceles Right Triangle and 30° Right Triangle. To add a Right Triangle on the whiteboard page, move the cursor onto the page, determine the position of the right triangle and click. The right triangle will be displayed on the page.



Isosceles Right Triangle 30–Right Triangle

You can use Line tool to draw a straight line along the scales of a right triangle. When you rotate the right triangle, the current rotation angle will be displayed in the center of the right triangle.

8 Lock/Unlock

Special Tools

Interactive Presentation Utility 2 also provides some useful tools, including Calculator, Magnifier, Tickertaps, Clock and On-screen Keyboard, Layer Perspective, and Video Capture.

Calculator

Interactive Presentation Utility 2 can call calculator from your operating system.

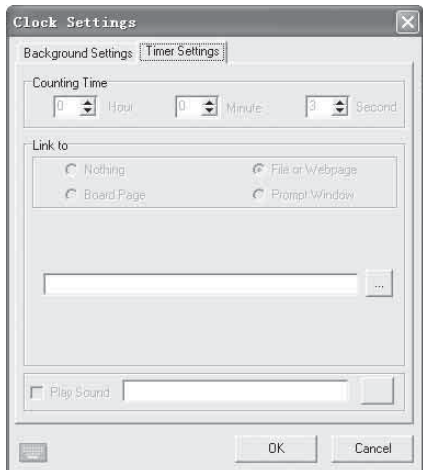
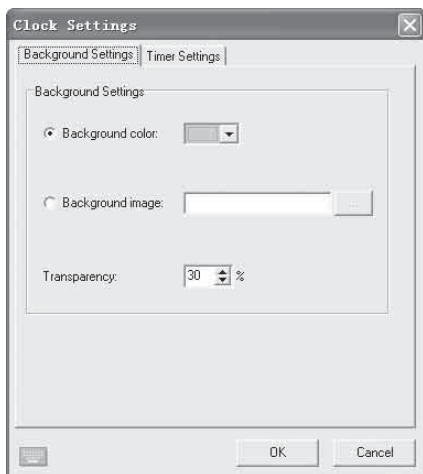
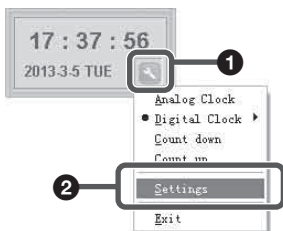
Magnifier

Magnifier allows you to magnify areas of the screen. From the Right-click menu, you can change the Magnifier Properties, such as magnifying shape, scale, window size, etc.

On-screen Keyboard

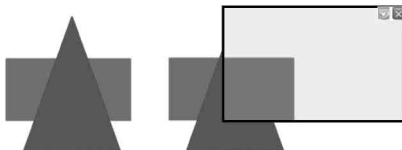
Clock and Timer

The Clock tool allows you to display a clock or a count on the screen. You can customize the Clock by clicking .

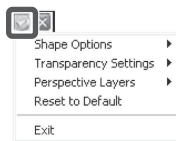


Layer Perspective

With Layer Perspective, multiple object layers can be displayed in perspective, and objects and images can be layered for a desired depth of field. To use Layer Perspective, move it onto the superimposed layers.



By default, one perspective layer is set, but you can right-click the tool or click  at top right to set the shape, transparency, and number of perspective layers.



Video Capture

With Video Capture, a connected camera or DV video can be displayed. You can also capture the video onto the whiteboard page. To use Video Capture, click  on the Video Capture window. The connected camera or DV video will be displayed on the software. Click  to set the resolution of the video.



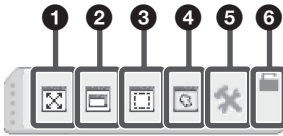
Note

If there are several cameras and DV videos connected to the computer at the same time, you can change the video source.

You can also click  to set to insert the captured video to the current page or a new page, then click  to start the capture.

Screen Capture

To activate Screen Capture function, click “Tools” on the Menu bar, or click  on the Toolbars, or click  on the Floating Tools.



1 Full Screen Capture

Click the icon to capture the whole screen.

2 Window Capture

Click the icon then click the corner of the window you want to capture.

3 Area Capture

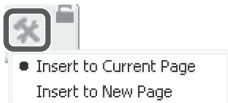
Click the icon, then press and drag the cursor to define the rectangular area you want to capture.

4 Freehand Capture

Click the icon, then press and drag the cursor to freely define the area you want to capture.

5 Settings

You can also click  to select the inserting method of a captured screen. “Insert to Current Page” and “Insert to New Page” are available.



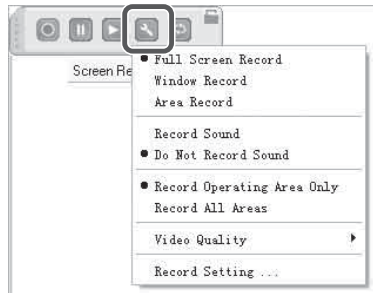
6 Lock/Unlock

Screen Record and Play

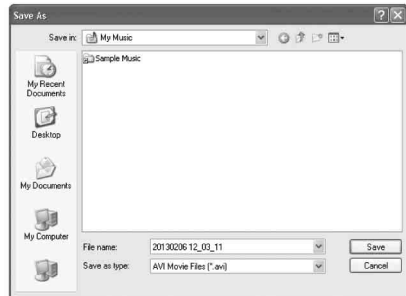
To activate the Screen Record function, you can click “Tools” on the Menu bar, or click  on the Toolbars, or click  on the Floating Tools.

Screen Record

To record a screen, select the recording style you want from “Options.” Video Quality can also be adjusted. You can choose whether to record only the operation window or the entire screen image. By connecting a microphone to the PC, you can also record sound.



Click  to open “Save as” window.

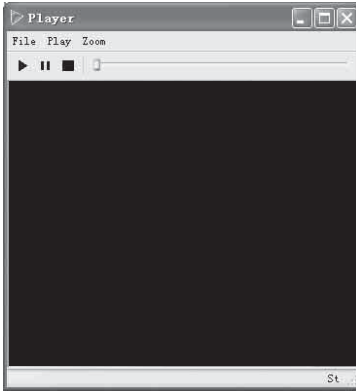


Note

You can make the video saving path as the default by selecting “Options” > “Record Setting...” > “Save Path” > “Default Path.” During recording, you can click  to pause the recording; and you can click  to finish the recording.

Video Player

Click . The “Player” window opens. Click “Open File” and select the file to play.



Convertor

You can convert an AVI to SWF, AVI to WMV/FLV, and SWF to EXE.

Resource Panel

The Resource Panel includes Page , Template , Resource Library , Local  and Courseware Making Panel .

Page

Page tab provides two preview modes: List Mode and Tile Mode. To rename a page, double-click the title under the page thumbnail, then enter a new name.

Template

Template tab offers various templates in cdf format. From the Right-click menu, you can also delete, make a new folder, import a file or folder, and export a folder for the template. To open a template, select the template thumbnail you want to insert into the whiteboard in the preview area, and click on the page (you can also drag the template onto the page), then the relevant template will be inserted into the next page.

Resource Library

Resource tab provides a huge resource of pictures and multimedia for you to use in a presentation. You can also save a created object into Resource Library. There are three ways to add a picture or multimedia resource to a whiteboard page:

- 1 Select a resource thumbnail and click on the page, then the resource will be inserted into the page.
- 2 Select a resource thumbnail and drag a rectangle on the whiteboard page, then the resource will be displayed according to the size of the rectangle. When dragging the object, you can press the “Shift” key to maintain its aspect ratio.
- 3 Select a resource thumbnail and drag it onto the page, then the resource will be inserted into the page.

You can annotate comments about the flash or video, which are inserted onto the page. While annotating, the flash or video pauses. When the flash or video play resumes, the annotations move to the next layer.

Local

Local tab allows you to add EDF, BMP, EMF, WMF, TIF, JPG, GIF, PNG, CDF, SWF, AVI, WMV, ASF, DAT, MPG, MPEG, RM, RMVB, MOV and FLV files in your computer to the whiteboard page. For a file in another format, double-click the thumbnail to open it. To insert a file into the page as an object, select the relevant file in the preview area, then click on the page or drag the file onto the page.

Courseware Making Panel (Operation on PC basis, not PJ)

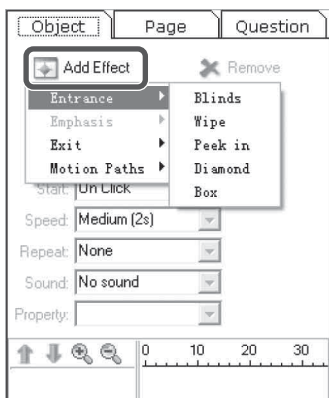
In Courseware Making Panel, you can add animation effects for Object and Page, and Question into your courseware.

Object Effect

You can set effects for any object on a page.

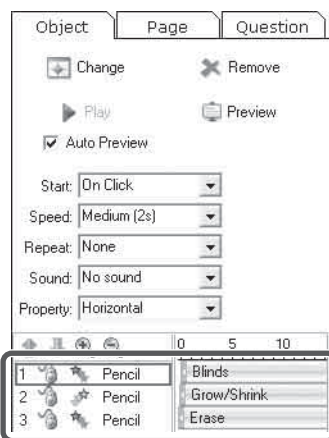
-Add Effect

You can add four kinds of animation, “Entrance,” “Emphasis,” “Exit” and “Motion Paths,” for a single or several selected objects on the current page. To add an object effect, select one or several objects, and click “Add Effect,” then select an effect type from the drop-down menu. After adding effects, the effects will be displayed in the Effects list according to the order.

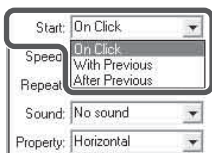


-Set Effect

You can customize the currently selected effects.

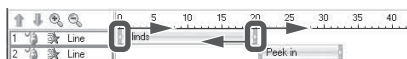
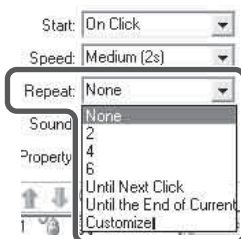


You can customize the playback mode of an effect. The system offers you three ways: “On Click” (default), “With Previous” and “After Previous.”

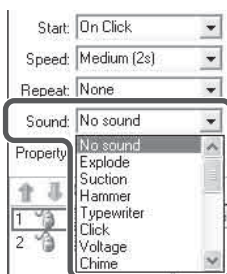


You can customize the speed of effects from drop-down menu. You can also adjust speed by increasing or decreasing the length of the timeline for an effect.

The system offers many different kinds of repeat times.



The system offers you more than 20 kinds of sound effects.

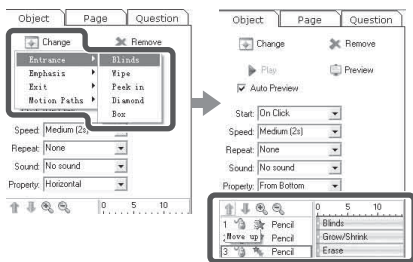


The drop-down menu of property may vary according to different animation effects. You can adjust the property value to change the playing effect.



-Edit Effect

You can change animation effects and adjust their playing order. To change an effect, select the object that you want to change, and click “Change,” then select appropriate animation effects from the drop-down menu. To change the playing order, select an object from the Animation Object list, then click “Move up” ↑ or “Move down” ↓.



-Remove Effect

You can remove the object effects that you do not need from the Animation Object list. Select the animation object that you want to remove, then click “Remove.”

Notes

- When the object is removed, all the effects added on it will be deleted automatically.
- You can remove several animation objects at the same time by pressing the “Shift” key.

-Current Preview

You can preview a selected object effect. Select the object that you want to preview, then click “Current Preview.” After the effect the preview is over, the software will stop preview automatically.

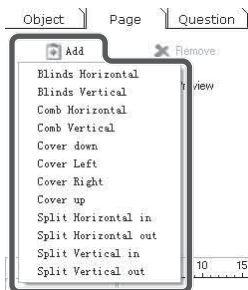
-Playing Preview

This function enables you to preview all of the object effects from the current page.

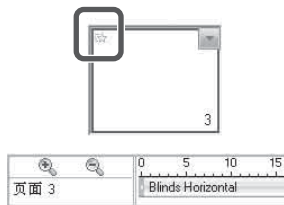
Page Effect

-Add Page Effect

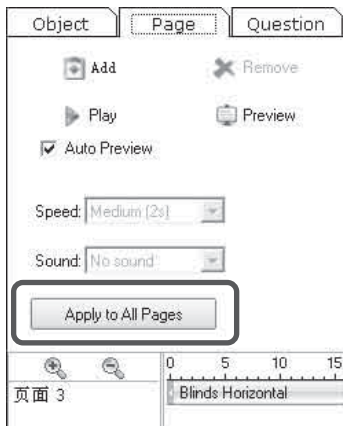
To add effects to a page, click “Page,” and select the relevant effect from the drop-down menu.



After adding effects, the effects will be displayed in the Effects list according to the order, and a small icon will appear in the top left corner of the page thumbnail.

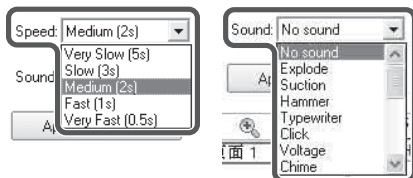


Click “Apply to All Pages.” All other pages will share the same effects with the current one.



-Customize Page Effect

You can customize the page effects, including playing Speed and Sound. Select the page effect you want to customize, then select the desired speed from the Speed list. You can also adjust the playing speed by increasing or decreasing the length of the timeline for an effect. You can select the desired sound effect from the Sound list.



-Change Page Effect

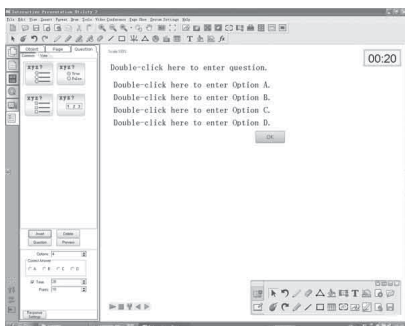
You can change page effects upon actual needs. Click “Change” and select the page effect you want to change, then choose a desired page effect.

-Delete Page Effect

You can delete any page effect as desired. Select the page effect you want to delete, then click “Remove.”

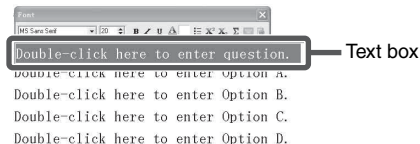
-Add Interactive Quiz

Interactive Presentation Utility 2 provides you with Common and Vote question types, including Single Answer, True or False, Multiple Answer, Blank Filling and Vote, which can help to improve student interest and participation. Click the icon of the question type you want to insert on Question setting panel and click “Insert.” The question type you select will be shown on the current page.



-Edit Question

You can edit the interactive questions you insert. To activate the Title or Options text box, double-click text box, or click Text tool and text box in consequence, or select the text box and click  on Marquee Handles.



Edit the question in the text box. To exit the text box, simply click any blank part of the page. You can drag a title or option text box to change its position.



-Customize Question

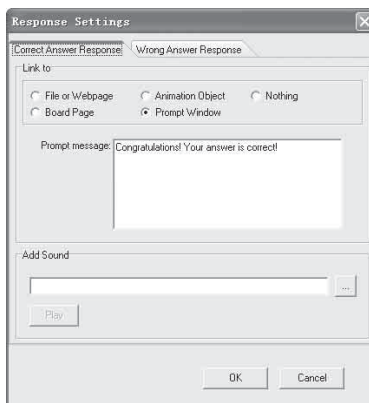
You can change the properties of your question.

Note

In Blank Filling, the subject fills in two parts of a mathematical sum or equation to form a correct answer. Several correct answers may be set. For example, “_+_ = 2” could be answered as “1,1,” “0,2” or “2,0.”

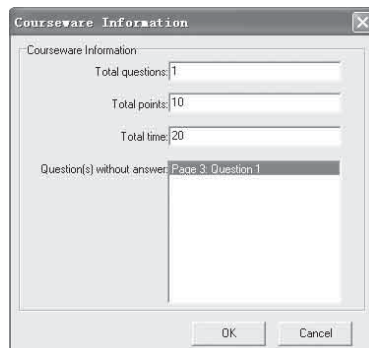
-Response Settings

You can add a Link and Sound for correct and wrong responses.



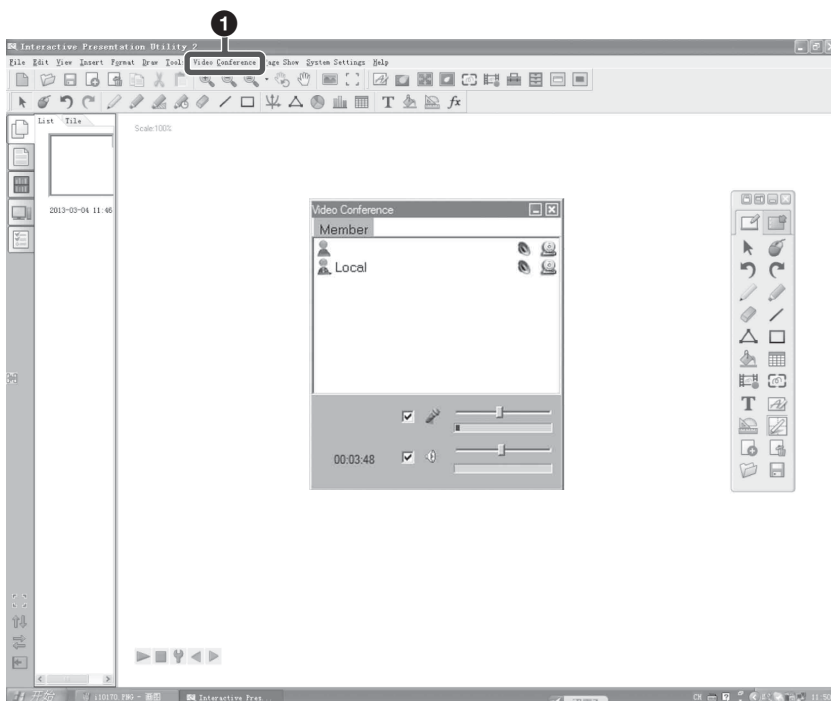
-Courseware Information

You can check the total number of questions, the total number of points scored, the total time taken and the number of questions not answered.



Video Conference

Interactive Presentation Utility 2 offers you an instant video conference (VC) function by using a camera connected to a PC in the whiteboard mode. It allows you to display images of yourself and others, for easy presentation of distance learning lectures.



① Video Conference

-Create

Becomes a VC host.

-Join

Connects to other sites through IP address.

Note

Guests can browse a VC host's annotations, but cannot add their own.

-Exit

For Mac

System Requirement

- CPU: Pertium III or above
- Memory: 256MB or more (512MB Recommend)
- Available hard drive space: 250MB
- OS: Mac OS X 10.6.x/10.7.x/10.8.x/10.9.x/10.10.x

Notes

- Running this software is limited to 30 times with projector disconnected. The limit will be reset to 30 when the projector is connected.
- Calibration cannot be performed in the Extended Display mode.
- Annotation of Interactive Presentation Utility 2 is not available for Power Point or Keynote. If you want to annotate a Power Point document by the mouse function of the Interactive Pen Device (main only), press and hold the pen button to display the pop-up toolbar of Power Point, then select “Ink”.

Feature

- Calibration Auto
- Dual-user (Dual pen)
- Whole and partial Screen Capture & Screen Record
- Editable object drawing
- Hopping tool
- Adjustable Floating Tools
- Rich education tools (2D & 3D Figures, Ruler, Graphs)
- Enhanced Assistant Tools
- Animation

Desktop mode



1 Minimize

Minimizes the Floating Tools.

2 Lock/Unlock

3 Whiteboard/Desktop tabs

Switches Whiteboard mode/Desktop mode by clicking the tab.

4 Operate Windows

When you are not in Annotation mode, you can perform normal computer operations as you usually do with a mouse. In Annotation mode, you can also perform normal computer operations by clicking the icon on the Floating Tools.

5 Hopping tool

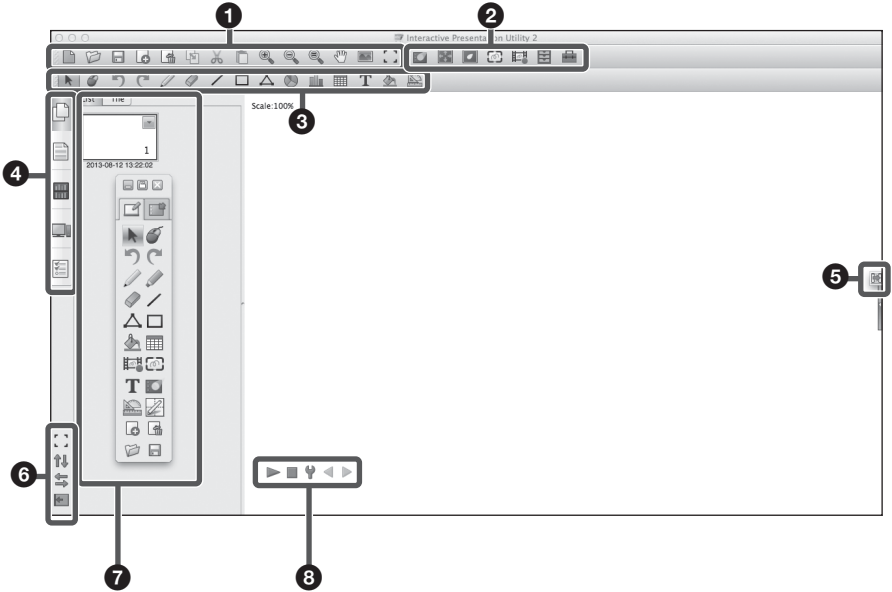
Switch Floating Tools position

Wherever the Floating Tools is, there is a position switching arrow on the contrary side. Click this arrow to move the Floating Tools from one side to the other. This function allows you to access the Floating Tools conveniently on large screen.

Dock Floating Tools

Move the Floating Tools to any edge of the screen and the toolbar will automatically hide itself. To show the Floating Tools, move the cursor to the edge to which the Floating Tools is docked, or click the icon.

Whiteboard mode



1 Common tools

2 Assistant tools

3 Drawing tools

4 Resource Panel

5 Hopping tool (page 36)

6 Full Screen/Move Toolbar (Moves toolbar up or down)/ Move Resource Panel (Moves Resource panel)/Hide Preview

7 Preview

8 Annotation recording (Reviews operations)

Play/Stop/Settings/Previous Page/Next
Page

Dual-user (Dual pen)

Main Pen toolbar (Floating Tools)

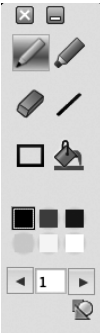


- The main pen toolbar is displayed when Interactive Presentation Utility 2 is activated.
- For customizing, click “Interactive_Presentation_Utility_2” > “Preferences...” > “Toolbars” > “Floating Tools”.
- Functions which are not activated are displayed in gray in the desktop mode.
- Click  to move the Floating Tools.

Note

This is for the main pen only.

Sub Pen toolbar



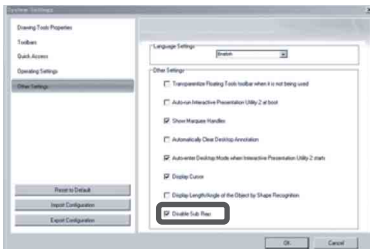
- Push the button on the sub pen to display the sub pen toolbar.

Notes

- This is for the sub pen only.
- The sub pen toolbar cannot be customized.

Disable sub pen

Select “Other Settings” from “Preferences...” then select “Disable sub pen.” Only the main pen will be enabled.



Calibration Auto/Manual

Calibration aligns the points where the pen (Main and Sub) is pointing and where the projector displays the cursor on the screen. “Calibration Auto” allows you to execute the calibration automatically.

Main Pen toolbar



- ❶ Calibration Auto
- ❷ Calibration Main
- ❸ Calibration Sub
- ❹ Saving calibration data

Click “Calibration” to select “Calibration Auto.” The calibration starts automatically.

Note

Observe the precautions noted below during the calibration.

- Avoid placing obstacles between the interactive detector and the screen.
- Do not move the projector and the screen.

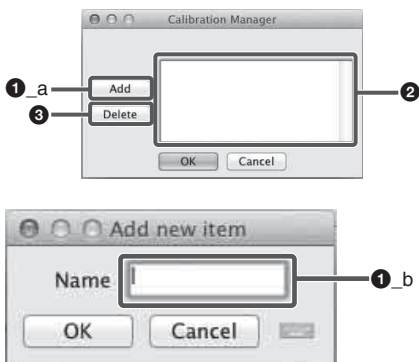
If Calibration Auto does not calibrate properly, try the following methods.

- Shield the screen from strong, direct outside light.
- Reduce the ambient light while Calibration Auto is performed.

- If Calibration Auto still does not calibrate properly after reducing the lighting as suggested above, click “Calibration Main” and “Calibration Sub”, then calibrate manually.
- If you use a screen which is not white, Calibration Auto may be inaccurate.

Saving calibration data

Calibration data for respective operating conditions can be saved. You can use the interactive function with the settings specified for certain operating conditions by selecting the saved data.



① Save (name/overwrite)

Press the  button to display the calibration data list. Press the [Add] button to save the current calibration data with a new name. The saved data will be added to the calibration data list.

② Apply the selected save data

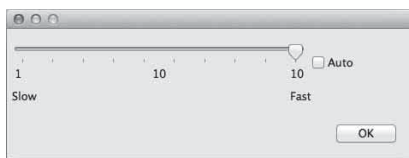
Select your desired data from the list and press the [OK] button to apply it.

③ Delete the selected save data

Select the unwanted data from the list and press the [Delete] button to delete it.

Pen tracking speed adjustment

Tracking speed of the Interactive Pen Device can be adjusted. If you are concerned about shakes in drawn lines, set it toward “Slow”. However, setting toward “Slow” results in a slow response when you draw fast. If you set “Auto,” the pen tracking speed is automatically adjusted according to the drawing speed.



Pen detection sensitivity adjustment

If you are using the Interactive Pen Device in too bright a room, the pen position may not be detected accurately and may cause drawing errors. This function adjusts the pen detection sensitivity to optimize the system to the brightness of the room.

While using the Interactive Pen Device, the pen may not be able to draw or the lines may cut intermittently under the following conditions. In this case, click this button to improve the symptoms.

- A bright light is used or there is sunlight and the entire environment is bright.
- The screen is directly exposed to a bright light or sunlight.

Note

During adjustment, the picture will turn black. Please wait a while.

File Management

New

Create a new file.

Open

You can open .cdf, .iwb, .pdf files.

Close

Click “File” and select “Close” on the Menu bar to close the current file.

Save/Save as

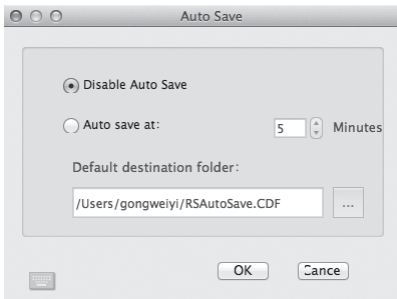
You can save the current file in a choice of formats, including .bmp, .iwb, .pdf, .jpg, .html, .png, .cdf. The file will be named by the current time automatically.

Save as Template

If the layout of the current file is likely to be frequently used in the future, you can also save it as a template, which can be retrieved from the Template tab. Click “File” and “Save as Template” on the Menu bar to save the current file as a template.

Auto Save

The Auto Save function can minimize your data loss in the event of unexpected problems. Click “File” and select “Auto Save” on the Menu bar to set the Auto Save function.



Print

You can print a file in Interactive Presentation Utility 2. Click “File” and select “Printer Settings” to set the printer, then click “Print” or “Print Current Page” to print the pages you need.

Page Management

New Page

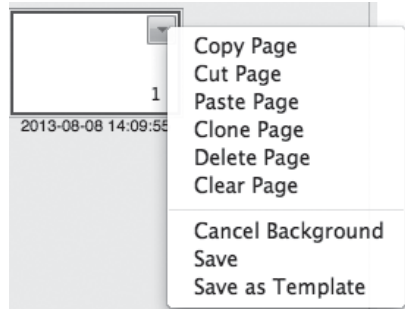
Insert a Blank Page after the current one.

Delete Page

Delete the current page.

Copy/Cut/Paste

Select the thumbnail of the page you want to copy/cut/paste on the Page tab.

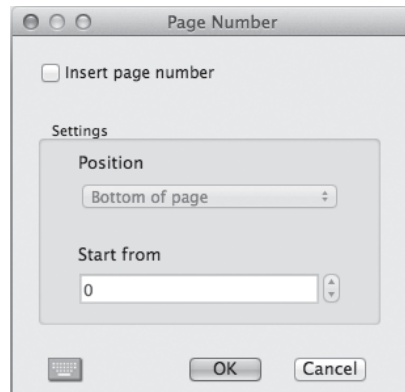


Clone

Click the menu arrow on the page thumbnail and select “Clone Page” or right-click on the page thumbnail and select “Clone Page.” The cloned page appears immediately after the current page.

Insert page number

Click “Insert” and select “Page Number” on the Menu bar, then you can set the page number position and start page number in the Page Number window that appears.



Zoom

By default, the whiteboard pages are displayed in their actual dimensions. But you can use the zoom tools to enlarge or reduce the size of the whiteboard page.

-Zoom in / Zoom out

After the mouse pointer becomes a magnifier, click the page to enlarge or reduce it.

-Restore Page

Restore a page to 100%.

-Fit Page

Make the entire page fit your display.

Move Page

A whiteboard page can be infinitely extended. You can move a page to obtain more space or to display any part of the page on screen.

Insert Page Background

You can specify a single color, gradient, grid pattern, or an image (.jpg, .jpeg, .png, .bmp) as a page background.



Other management tools

Frequently Used Applications

You can quickly access an external program or file. To access Frequently Used Applications, click “Frequently Used Applications” on the Menu bar, or click the icon on the Toolbars. The Application toolbar appears (displaying Safari by default).



Click a shortcut icon on the Application toolbar to directly open the external program or file. Meantime, you can click  to add or delete an application.

Drawing Tools

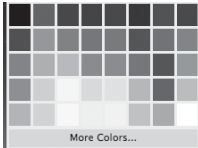
Freehand Drawing Tools

Freehand Drawing Tools are the most frequently used tools, with which you can annotate, write and draw on the interactive screen. Freehand Drawing Tools include Pencil , Brush Pen . Properties can be adjusted as required.

Color, Thickness, Transparency

Double-click any color, thickness or transparency button or click the menu arrow of sections to adjust them.

Color



Transparency



Thickness



Pattern



Gradient



Line Type

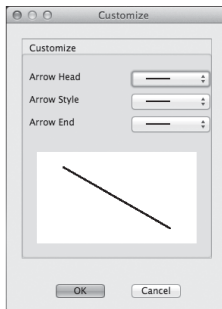
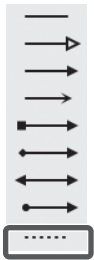


Lock: 

Keep the Sub Pen toolbar on the screen while drawing.

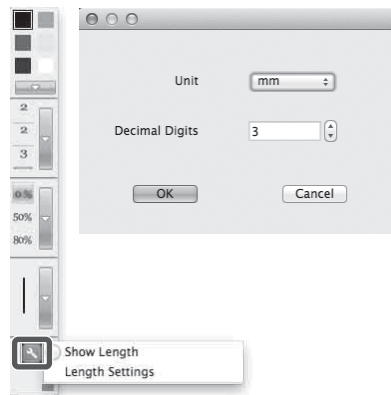
Line Type

Click the menu arrow of the Line section, then select the line style you want from the list. You can also select Line Style from “Customize Line Style” window.



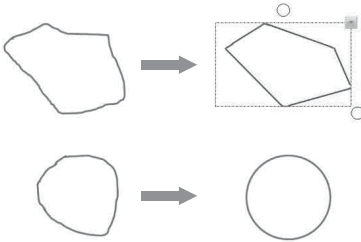
Show Length

When you add a line to the whiteboard page, you can display the line length. Click  and select “Show Length.” You can also set the unit and decimal digits of length from “Length Settings.”



Shape Recognition

Pencil tool  also provides a Shape Recognition function. If you enable this function, a stroke drawn by Pencil tool will be automatically revised to Solid Line, Arc, Circle, Rectangle, Triangle or Polygon, and adjacent solid lines will be automatically combined to form a polygon. Click Pencil tool icon to show the Property toolbar. Then click  to activate the Shape Recognition function. Select the shape to show its points, then click and drag any point to change the shape.

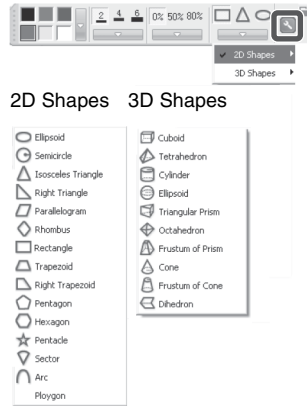


Shapes

Different kinds of 2D and 3D shapes are provided. You can customize the properties of the Shapes tool.

Shapes style

3 shape buttons are provided on the Properties toolbar of Shapes tool, including Rectangle, Triangle and Circle by default. To apply other shapes, double-click any shape button or click the menu arrow of the Shape section.



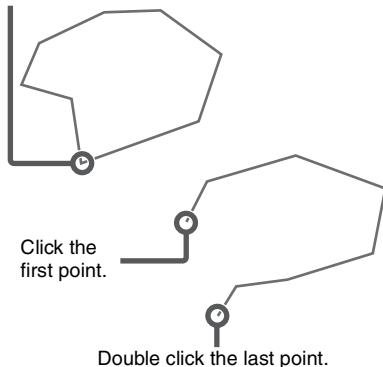
Other Settings

Click “Interactive_Presentation_Utility_2” > “Preferences...” on the Properties toolbar to apply other settings.

Point to Point

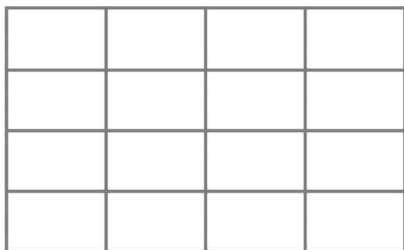
This tool allows you to create a Polygon or a Polyline. To create a polygon or a polyline, click the icon, and click different points to create a polygon or polyline. Double-click the last point to end the polygon or polyline. You can also overlap the last point with the first one to make a shape. All the points can be removed. Point to Point tool can also be customized.

Overlap the last point to the first point.



Table

In creating a table, you can set Frame color, Thickness, Transparency, Row number and Column number in the Property toolbar. You can then create a table by pressing where you want to place the table on the screen and dragging until the table is the desired size.



Row and Column Number

You can select row and column numbers from 1 to 20. Enter numbers directly, or adjust numbers by the arrow buttons.



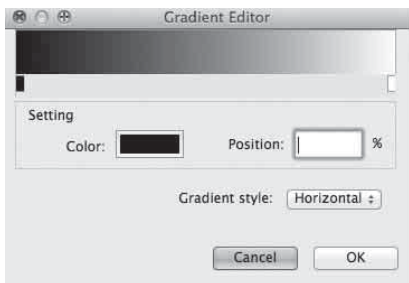
Fill

You can fill Color, Gradient, Trellis or Image (jpg, jpeg, bmp, png) to any closed geometry.



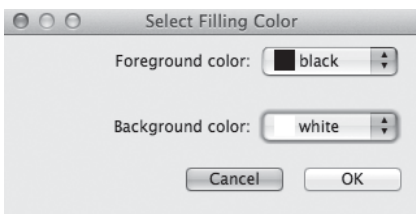
Fill with Gradient

Six gradients are provided by default. To apply another gradient, double-click any gradient fill button, or click the menu arrow, then set the gradient in Gradient Editor. To add a new gradient, please click below the gradient bar to define color stop(s). You can also select a gradient direction.



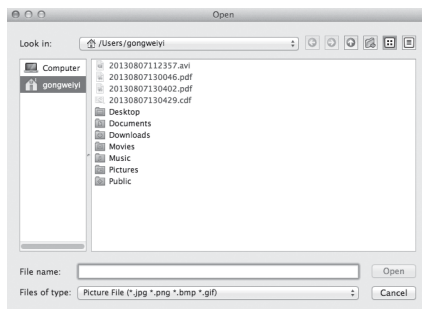
Fill with Pattern

Six patterns are provided by default. To apply another pattern, double-click any pattern fill button, or click the menu arrow, then set the foreground color and background color.



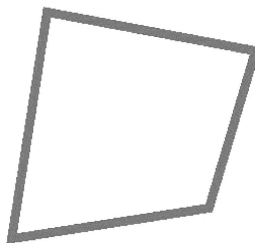
Fill with Image

Double-click the image fill button, or click the menu arrow to select an image file to fill.



Clear the Fill Effect

Click  on the Property toolbar, then click the geometry. The Fill effect will be cleared.



Eraser

Five erasing methods are provided, including Small Circle Eraser, Middle Circle Eraser, Large Circle Eraser, Object Eraser, Circle Eraser, Area Eraser and Erase All.



① Eraser (Small/Middle/Large)

② Object Eraser

Select the icon and click an object to clear it.

3 Circle Eraser

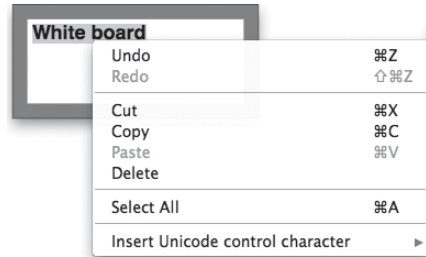
Select the icon and draw a circle around the object(s) you want to erase.

4 Area Eraser

Select the icon and drag a Rectangle around the object(s) you want to erase.

5 Erase All

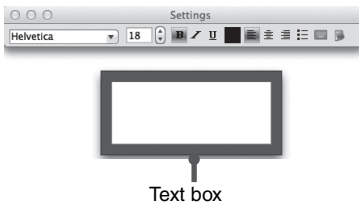
Select the icon and click on a page to remove all objects from the page.



Objects created by “Shapes” or “Point to Point” tool can only be erased by the Object Eraser or the Erase All. The Circle Eraser or the Area Eraser cannot be used in this case.

Text T

Select and click the button where you want the text to start on the page. The Text box and Font toolbar will appear.



Input Text

You can input text with On-screen Keyboard . You can also import text from .txt file to the Text box.

Change Text Format

Change the text format, including Font, Bold, Italic, Underline, Color and others, with Font toolbar if necessary.

Edit Text

Right-click on the selected text to copy, cut, paste, delete, select all or undo the text. Right-click can be performed by a long push of the Pen tip (main only), or clicking .

Pie Chart and Bar Chart 📊

Select the button, then click where on the screen you want to put the Pie Chart or the Bar Chart.

Dialog

Bar

Add

Delete

Edit

Name	Transparency	Value

Settings

Title:

Background color:

☐ 3D Effect

Transparency:

0

Cancel

Ok

Dialog

Bar

Add

Delete

Edit

Name	Transparency	Value

Settings

Title:

Category (X) axis:

Value (Y) axis:

Background color:

☐ 3D Effect

Transparency:

0

Cancel

Ok

The above setting windows allow you to set a Name, the Value and Transparency for either type of chart.

Additional settings are as follows:

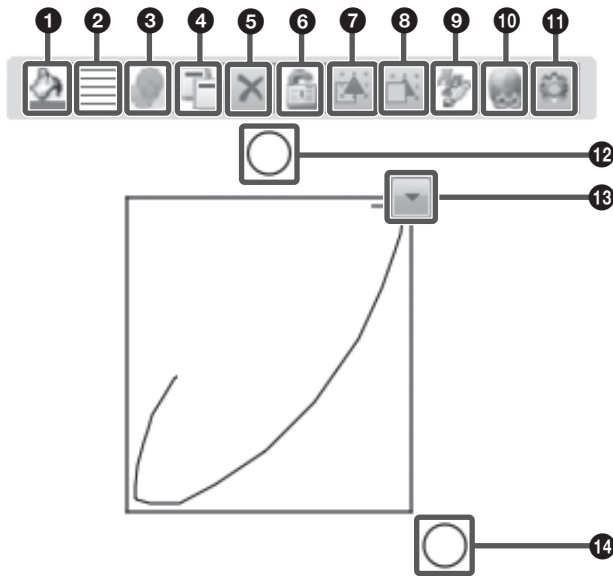
Pie Chart: You can set a Title, Background color, Transparency, 3D Effect and Pie type.

Bar Chart: You can set a Title, Category(X) axis, Value(Y) axis, Background color, Transparency, 3D Effect and Bar type.

Manipulate Objects

Marquee Handles

Frequently used edit tools will be provided in Marquee Handles according to the object you select. You can choose from these tools to edit the object.



- | | |
|-----------------|---------------------------|
| ❶ Color | ❸ Send Backward |
| ❷ Width | ❹ Review Freehand Drawing |
| ❸ Transparency | ❺ Hyperlink |
| ❹ Clone | ❻ Settings |
| ❺ Delete | ❼ Rotate |
| ❻ Lock/Unlock | ❽ Right-click menu |
| ❼ Bring Forward | ❾ Scale |

Other functions

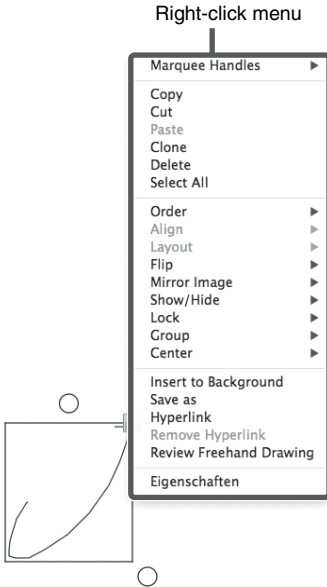
  Group/Ungroup

 Text Input

Right-click Menu

Copy, Cut, Paste, Clone

You can copy, cut, or clone any object on a page, and paste it on the same or different pages.



Delete

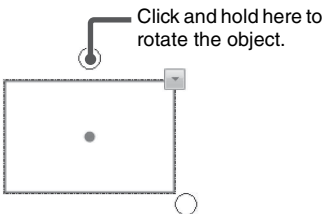
Delete one or more selected objects.

Select All

Select all the objects on the page.

Rotate Object

When an object is selected, a selection rectangle appears around the object. You can find a rotation handle above the rectangle. By default, the object rotates around its central point. You can define another base point by dragging the central point.

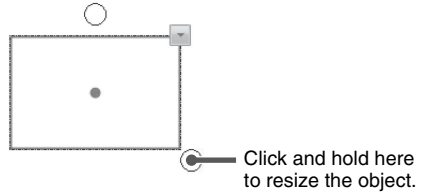


Center

You can show or hide the center point of an object.

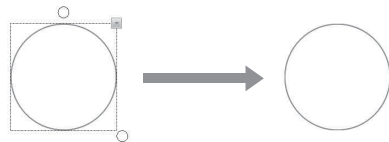
Zoom Object

You can select one or several objects, and drag the resize handle to resize objects.



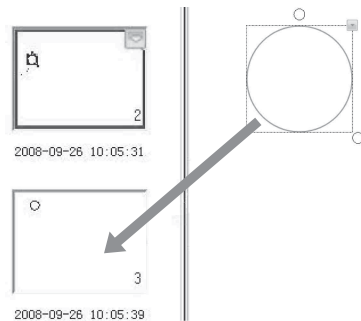
Move Object

You can move objects to another position on the same page. You can also move objects to another page.



To move an object to another position on the same page, select one or more objects, then drag to a new position on the page.

To move objects to another page, select one or more objects, then drag onto the thumbnail of another page on the Page tab.



Group Objects (Ungroup)

You can group several objects together, and manipulate or edit them as though they were a single object.

Note

You cannot group Label Tools (Math Tools), Function Tools, Pie Chart or Bar Chart.

Order Objects

If the objects overlap you can change their placement. Select “Bring to Front,” “Send to Back,” “Bring Forward,” or “Send Backward.”

Align Objects

You can align the bottom, top, left/right sides or centers of selected objects.

Layout Objects

Auto Layout and Customized Layout are available.

Mirror Object

You can insert a mirror object quickly by selecting “Mirror Left,” “Mirror Right,” “Mirror Up” or “Mirror Down.”

Show/Hide Object

You can choose to show or hide object(s).

Insert Annotation

Interactive Presentation Utility 2 allows you to add your own notes and annotations to an object. Inserted annotations can be re-edited or removed.

Flip Object

You can flip an object horizontally or vertically.

Insert to Background

You can insert one or more selected objects to background. The object(s) inserted to background cannot be manipulated or edited.

Save Object

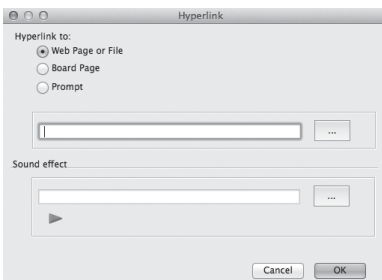
You can save one or more objects as image files in .bmp, .png, .gif or .jpg format.

Lock Object

You can lock an object to prevent its modification, movement or rotation. You may also unlock it at any time.

Add Hyperlink to Object

You can hyperlink any object on the whiteboard page to a web page, or a file on your computer. Right-click the selected object, then select “Hyperlink.” The Hyperlink window appears as follows:



You can hyperlink the object to a file, web page, FTP, or website. If you want to add a sound effect when launching the hyperlink, browse and select an audio file in for Sound Effect section. You can choose to open the link by clicking the Corner Icon or the Object itself.

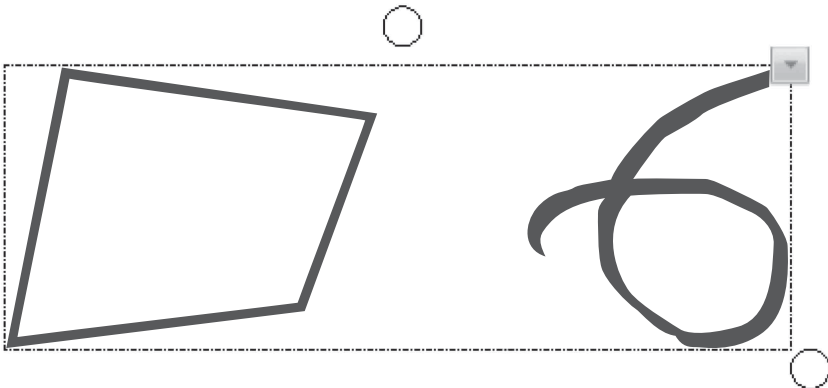
Review Operation (all objects)

When you are creating and manipulating objects, Interactive Presentation Utility 2 automatically records your operations, allowing you to review them anytime.



Review Freehand Drawing

(The operation by one pen only can be recorded)



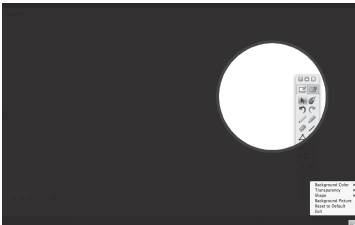
Assistant Tools

Screen Tools

Interactive Presentation Utility 2 provides various kinds of screen tools, including Spotlight, Reveal Screen, Screen Arrow, Highlight and Black Screen. You can get these tools from “Tools” in the Menu bar, Toolbars or Floating Tools.

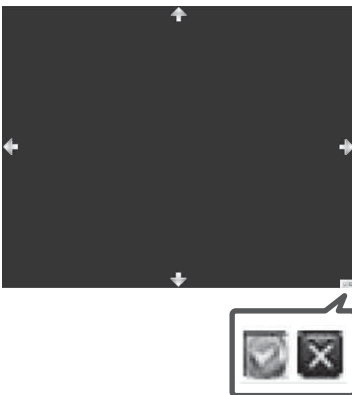
Spotlight

You can drag the rim to zoom and move the spotlight. The lower layer of highlighted area can be operated. You can click  on the bottom right of the screen to adjust the properties of spotlight.



Reveal Screen

Three reveal methods are provided: Top-bottom, Left-right, all directions. The uncovered area can be operated. You can click  on the bottom right of the screen to adjust the properties of the Reveal Screen function.



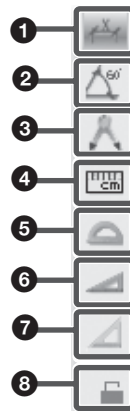
Highlight

You can click in the bottom right of the screen to adjust the properties of Highlight, such as Background color and Transparency. You can also select Single Spotlight or Multi Spotlights to highlight single or multiple areas for attention.



Label Tools (Math Tools)

Interactive Presentation Utility 2 provides various kinds of Label Tools, including Dimension Label, Angle Label, Dividers, Ruler, Protractor, Isosceles Right Triangle and 30° Right Triangle. You can access Label Tools by selecting  from “Tools” on the Menu Bar, Toolbars or Floating Tools.



1 Dimension Label

You can use Dimension Label for annotating distance between two points. To add a dimension label on a page, move the cursor onto the page, determine the start point of the dimension and click, then move the cursor to another point and click. These

two points will be linked automatically, and the length will be displayed.

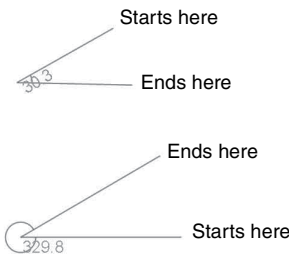


2 Angle Label

You can use Angle Label tool to measure an angle, and modify the magnitude of the angle again. To add an angle label on a page, move the cursor onto the page and click to determine the vertex, click again to determine one side of the angle, then move the cursor. The relevant angle will be displayed on the page.

Note

The displayed degree of the angle label is that which is created by the second plane, rotating clockwise from the first plane.



3 Dividers

You can use Dividers tool to draw an arc or a sector. To move dividers, click the top or left foot of the dividers, and hold while moving the dividers to the next position. To change radius, click the right foot of the dividers, and hold while moving to the left or right horizontally. The new radius length is displayed on the dividers. To draw an arc or a sector, click and hold the drawing tool on the dividers, then rotate to draw. You can change properties from the Right-click menu, such as color, transparency, decimal digits, units (The drop-down

menu includes cm, mm, pix, inch). You can also type in a unit manually.

4 Ruler

You can use Ruler to measure objects and to draw a line in any particular size (10cm by default; can be extended infinitely). To add a ruler on a page, please move the cursor onto the page, determine the position of the ruler and click. The ruler will be displayed on the whiteboard page.

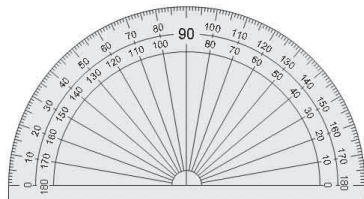


You can also use Line tool to draw a straight line of a chosen length along the scales of the ruler. When rotating the ruler, the current angle of rotation is displayed in the center of the ruler.

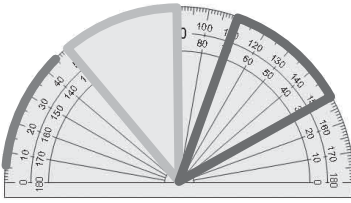


5 Protractor

You can add a protractor on the whiteboard page. You can also use the protractor to measure angles and draw arcs of a chosen angle. To add a protractor on the whiteboard page, move the cursor onto the page, determine the position of the protractor and click. The protractor will be displayed on the page.



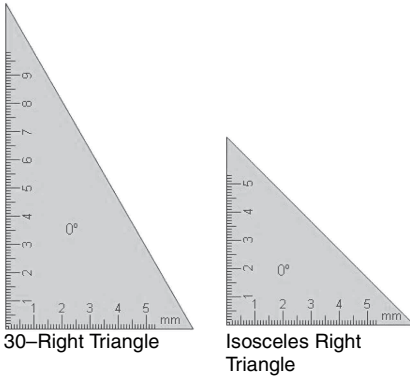
You can also select Arc, Solid Sector or Hollow Sector from the Right-click menu, and then use Line tool to draw a selected shape along the protractor scales.



6 30° Right Triangle

Two Right Triangle tools are provided, Isosceles Right Triangle and 30° Right Triangle. To add a Right Triangle on the whiteboard page, move the cursor onto the page, determine the position of the right triangle and click. The right triangle will be displayed on the page.

7 Isosceles Right Triangle



You can use Line tool to draw a straight line along the scales of a right triangle. When you rotate the right triangle, the current rotation angle will be displayed in the center of the right triangle.

8 Lock/Unlock

Special Tools

Interactive Presentation Utility 2 also provides some useful tools, including Calculator, Magnifier and On-screen Keyboard.

Calculator

Interactive Presentation Utility 2 can call calculator from your operating system.

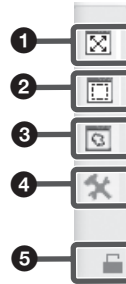
Magnifier

Magnifier allows you to magnify areas of the screen. From the Right-click menu, you can change the Magnifier Properties, such as magnifying shape, scale, window size, etc.

On-screen Keyboard

Screen Capture

To activate Screen Capture function, click “Tools” on the Menu bar, or click  on the Toolbars, or click  on the Floating Tools.



1 Full Screen Capture

Click the icon to capture the whole screen.

2 Area Capture

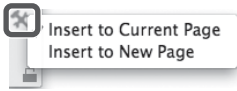
Click the icon, then press and drag the cursor to define the rectangular area you want to capture.

3 Freehand Capture

Click the icon, then press and drag the cursor to freely define the area you want to capture.

4 Settings

You can also click  to select the inserting method of a captured screen. “Insert to Current Page” and “Insert to New Page” are available.



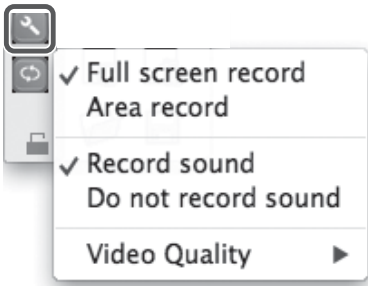
5 Lock/Unlock

Screen Record and Play

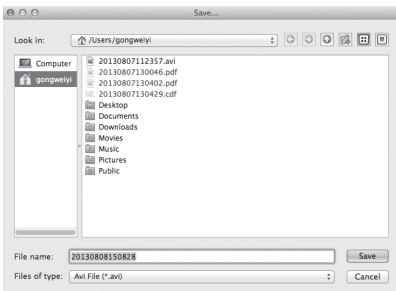
To activate the Screen Record function, you can click “Tools” on the Menu bar, or click  on the Toolbars, or click  on the Floating Tools.

Screen Record

To record a screen, select the recording style you want from “Options.” Video Quality can also be adjusted. You can choose whether to record only the operation window or the entire screen image. By connecting a microphone to the PC, you can also record sound.



Click  to open “Save as” window.

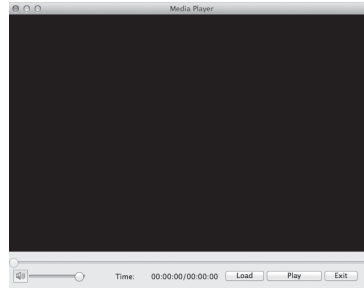


Note

During recording, you can click  to pause your recording; and you can click  to finish the recording.

Video Player

Click . The “Player” window opens. Click “Open File” and select the file to play.



Convertor

You can convert an AVI to SWF.

Resource Panel

The Resource Panel includes Page , Template , Resource Library , Local  and Animation .

Page

Page tab provides two preview modes: List Mode and Tile Mode. To rename a page, double-click the title under the page thumbnail, then enter a new name.

Template

Template tab offers various templates in cdf format. From the Right-click menu, you can also delete, make a new folder, import a file or folder, and export a folder for the template. To open a template, select the template thumbnail you want to insert into the whiteboard in the preview area, and click on the page (you can also drag the template onto the page), then the relevant template will be inserted into the next page.

Resource Library

Resource tab provides a huge resource of pictures and multimedia for you to use in a presentation. You can also save a created object into Resource Library. There are three ways to add a picture or multimedia resource to a whiteboard page:

- 1 Select a resource thumbnail and click on the page, then the resource will be inserted into the page.
- 2 Select a resource thumbnail and drag a rectangle on the whiteboard page, then the resource will be displayed according to the size of the rectangle. When dragging the object, you can press the “Shift” key to maintain its aspect ratio.
- 3 Select a resource thumbnail and drag it onto the page, then the resource will be inserted into the page.

You can annotate comments about the flash or video, which are inserted onto the page. While annotating, the flash or video pauses. When the flash or video play resumes, the annotations move to the next layer.

Local

Local tab allows you to add EDF, BMP, EMF, WMF, TIF, JPG, GIF, PNG, CDF, SWF, AVI, WMV, ASF, DAT, MPG, MPEG, RM, RMVB, MOV and FLV files in your computer to the whiteboard page. For a file in another format, double-click the thumbnail to open it. To insert a file into the page as an object, select the relevant file in the preview area, then click on the page or drag the file onto the page.

Animation (Operation on PC basis, not PJ)

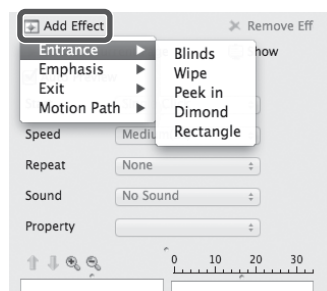
In Animation, you can add animation effects for Object and Page into your courseware.

Object Effect

You can set effects for any object on a page.

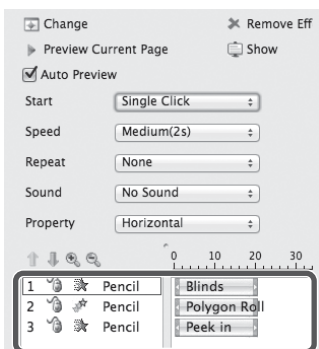
-Add Effect

You can add four kinds of animation, “Entrance,” “Emphasis,” “Exit” and “Motion Paths,” for a single or several selected objects on the current page. To add an object effect, select one or several objects, and click “Add Effect,” then select an effect type from the drop-down menu. After adding effects, the effects will be displayed in the Effects list according to the order.

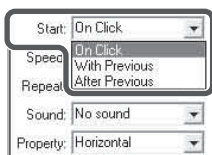


-Set Effect

You can customize the currently selected effects.

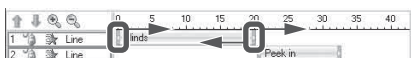
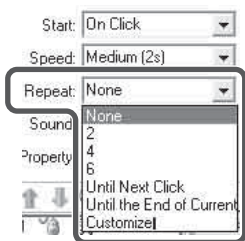


You can customize the playback mode of an effect. The system offers you three ways: “On Click” (default), “With Previous” and “After Previous.”

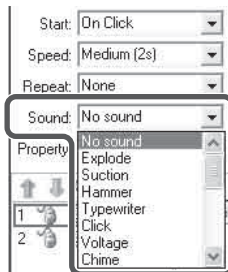


You can customize the speed of effects from drop-down menu. You can also adjust speed by increasing or decreasing the length of the timeline for an effect.

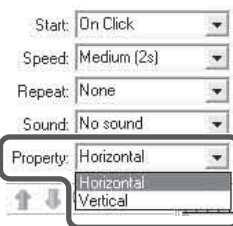
The system offers many different kinds of repeat times.



The system offers you more than 20 kinds of sound effects.

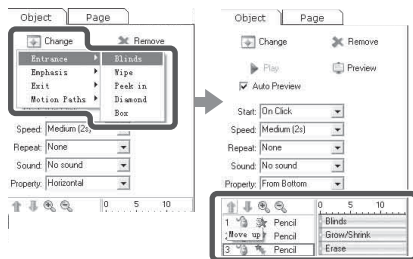


The drop-down menu of property may vary according to different animation effects. You can adjust the property value to change the playing effect.



-Edit Effect

You can change animation effects and adjust their playing order. To change an effect, select the object that you want to change, and click “Change,” then select appropriate animation effects from the drop-down menu. To change the playing order, select an object from the Animation Object list, then click “Move up” ↑ or “Move down” ↓.



-Remove Effect

You can remove the object effects that you do not need from the Animation Object list. Select the animation object that you want to remove, then click “Remove.”

Notes

When the object is removed, all the effects added on it will be deleted automatically.

-Current Preview

You can preview a selected object effect. Select the object that you want to preview, then click “Current Preview.” After the effect the preview is over, the software will stop preview automatically.

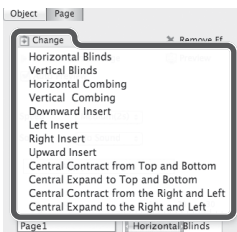
-Playing Preview

This function enables you to preview all of the object effects from the current page.

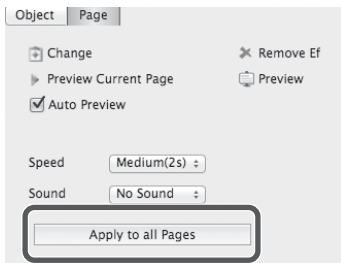
Page Effect

-Add Page Effect

To add effects to a page, click “Change,” and select the relevant effect from the drop-down menu.

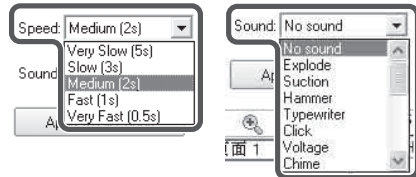


Click “Apply to All Pages.” All other pages will share the same effects with the current one.



-Customize Page Effect

You can customize the page effects, including playing Speed and Sound. Select the page effect you want to customize, then select the desired speed from the Speed list. You can also adjust the playing speed by increasing or decreasing the length of the timeline for an effect. You can select the desired sound effect from the Sound list.



-Change Page Effect

You can change page effects upon actual needs. Click “Change” and select the page effect you want to change, then choose a desired page effect.

-Delete Page Effect

You can delete any page effect as desired. Select the page effect you want to delete, then click “Remove.”

