Easy Interactive Tools Ver. 4.0
Operation Guide
Easy Interactive Tools Ver. 4.0 Operation Guide
Easy Interactive Tools Summary

Features

Easy Interactive Tools is an application that allows you to draw on projected images.

By using your finger (on projectors that support finger touch operation) or the interactive pen supplied with a projector, or your computer mouse, the following drawing functions become available.

Drawing on the projected image (Annotation mode)

Annotation mode allows you to add points and notes to the projected image. By using illustrations, images, and graphics, you can enhance classroom lessons and create more appealing presentations.

Drawing on a plain background (Whiteboard mode)

Whiteboard mode allows you to add text or images to a solid color background. You can also select different backgrounds such as grid lines or music sheet. Lined backgrounds could be useful for writing minutes or documents during a meeting.
Other interactive functions

You can also do the following:

- Operate the computer’s mouse
  - "Operating a mouse from the projected image (mouse operations)" p.11
- Control devices connected to a computer, such as a projector or document camera
  - "Tool Panel Functions" p.16
  - "Camera Screen" p.18
- Edit content drawn on the projected screen
  - "Adjusting and Editing Shapes and Images" p.26
- Save the content you created as a PowerPoint slide
  - "Slideshow Drawing Tool" p.27
- Network teleconferencing

When you connect a projector to a computer over a network using EasyMP Network Projection or EasyMP Multi PC Projection, you can share the projected screen with a remote location.

When used with Easy Interactive Tools, you can share annotations and drawings made on the projected screen with multiple locations.
(Interactive pen and finger touch operations are supported only by EasyMP Network Projection.)

### System Requirements

**Windows**

<table>
<thead>
<tr>
<th>OS</th>
<th>Windows Vista</th>
<th>Ultimate 32-bit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Enterprise 32-bit</td>
<td>Business 32-bit</td>
</tr>
<tr>
<td></td>
<td>Home Premium 32-bit</td>
<td>Home Basic 32-bit</td>
</tr>
<tr>
<td>Windows 7</td>
<td>Ultimate 32-/64-bit</td>
<td>Enterprise 32-/64-bit</td>
</tr>
<tr>
<td></td>
<td>Professional 32-/64-bit</td>
<td>Home Premium 32-/64-bit</td>
</tr>
<tr>
<td></td>
<td>Home Basic 32-bit</td>
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</tr>
<tr>
<td>Windows 8</td>
<td>Windows 8 32-/64-bit</td>
<td>Windows 8 Pro 32-/64-bit</td>
</tr>
<tr>
<td></td>
<td>Windows 8 Enterprise 32-/64-bit</td>
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</tr>
<tr>
<td>Windows 8.1</td>
<td>Windows 8.1 32-/64-bit</td>
<td>Windows 8.1 Pro 32-/64-bit</td>
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<td></td>
<td>Windows 8.1 Enterprise 32-/64-bit</td>
<td></td>
</tr>
<tr>
<td>Windows 10</td>
<td>Windows 10 32-/64-bit</td>
<td></td>
</tr>
</tbody>
</table>

**CPU**

- Intel Core2 Duo 1.2 GHz or faster
- Recommended: Intel Core i3 or faster

**Amount of Memory**

- 1 GB or more
- Recommended: 2 GB or more

**Hard Disk Space**

- 100 MB or more

**Display**

- Resolutions no lower than XGA (1024 x 768) and no higher than WUXGA (1920 x 1200)
- Display color of 16-bit color or more

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**OS X**

<table>
<thead>
<tr>
<th>OS</th>
<th>OS X 10.7.x</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OS X 10.8.x</td>
</tr>
<tr>
<td></td>
<td>OS X 10.9.x</td>
</tr>
<tr>
<td></td>
<td>OS X 10.10.x</td>
</tr>
<tr>
<td></td>
<td>OS X 10.11.x</td>
</tr>
</tbody>
</table>

**CPU**

- Intel Core2 Duo 1.2 GHz or faster
- Recommended: Intel Core i5 or faster

**Amount of Memory**

- 1 GB or more
- Recommended: 2 GB or more

**Hard Disk Space**

- 100 MB or more

**Display**

- Resolutions no lower than XGA (1024 x 768) and no higher than WUXGA (1920 x 1200)
- Display color of 16-bit color or more

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* Service Pack 2 or later

* QuickTime 7.7 or later is required.
Install Easy Interactive Tools

Installing

- If your computer does not have a CD/DVD drive or you are using a Mac, an Internet connection is required to obtain the product software.
- Install the software as a user with administrator rights.
- Close all running applications before starting the installation.

Windows

1. Turn on your computer.
2. Insert the product CD or go to www.epson.com/support (U.S.) or www.epson.ca/support (Canada) to download your product’s software package.
3. Follow the on-screen instructions to run the setup program.
   If the installer on the CD does not start automatically, double-click the EIN_TTWInst.exe file to run the setup program.
4. When you see the license agreement, accept the terms and click Next.
5. At the Easy Interactive Tools Setup screen, select the following:
   If you are using Easy Interactive Tools with an interactive projector, select Drawing on the Desktop/Camera screen.
   If you are using the software with a document camera, select Drawing on the Camera screen.
6. Click Install.

OS X

1. Turn on your computer.
2. Insert the product CD or go to www.epson.com/support (U.S.) or www.epson.ca/support (Canada) to download your product’s software package.
3. Double-click the Install Navi icon in the EPSON window.
4. Follow the on-screen instructions to install the software.
5. When you see the license agreement, click Continue and then click Agree.
6. At the Easy Interactive Tools Setup screen, select the following:
   If you are using Easy Interactive Tools with an interactive projector, select Drawing on the Desktop/Camera screen.
   If you are using the software with a document camera, select Drawing on the Camera screen.
7. Click Install.

For interactive projectors, you need to install the Easy Interactive Driver for OS X. Select Easy Install and install the Easy Interactive Driver for your projector model.

For the latest Easy Interactive Tools version and information on supported products, go to http://www.epson.com.
Uninstalling

Windows Vista/Windows 7

1. Click Start > Control Panel > Programs and Features.
2. Select Easy Interactive Tools Ver.X.XX and click Uninstall.

Windows 8/Windows 8.1/Windows 10

1. Navigate to the Apps screen (Windows 8.x) or click the start icon (Windows 10) and select Windows > Control Panel > Programs and Features.
2. Select Easy Interactive Tools Ver.X.XX and click Uninstall.
3. Follow the on-screen instructions to uninstall.

OS X

1. Double-click Applications - Easy Interactive Tools Ver.X.XX.
2. Run the Easy Interactive Tools Uninstaller from the Tools folder.
3. Follow the on-screen instructions to uninstall.
Basic Operation

Basic Operation

Starting Easy Interactive Tools

Make the following preparations before starting Easy Interactive Tools.

The product’s setting method and items vary depending on the model being used. Also, models that do not support network connection cannot be connected to over a network. For more details, see the product’s User’s Guide.

When connecting a computer to the product with a USB cable:

- Connect the USB cable to the computer’s USB port and the product’s USB-B port.
- If you’re using a document camera, connect the computer to your projector with an HDMI or VGA cable.
- Select the Extended menu settings from the projector’s menu system. (Set Pen mode to PC interactive, or select the mouse mode icon on your screen.)

When connecting a computer to a projector over a network:

- Select network settings so that the computer can connect to the network.
- Connect a wireless LAN unit (if necessary) or a LAN cable so that the projector can connect to the network.
- Select the Network settings from the projector’s menu system.
- Install the EasyMP Network Projection software for the projector.
- Open the Set options screen, select the General settings tab, and select Use Interactive Pen and Use Easy Interactive Tools. (Only one interactive pen at a time is supported with EasyMP Network Projection.)

Some projector models require a USB cable for interactivity. For more details, see the product’s User’s Guide.

1. Turn on the product and project images from the computer.

2. Start Easy Interactive Tools on the computer.

- Windows Vista/Windows 7: Click or Start > All Programs or Programs > Easy Interactive Tools Ver.X.XX.
- Windows 8/Windows 8.1: Navigate to the Apps screen and select Easy Interactive Tools Ver.X.XX.
- Windows 10: Click > All Apps > Easy Interactive Tools Ver.X.XX.
- OS X: From the Applications folder, double-click Easy Interactive Tools Ver.X.XX.

Easy Interactive Tools starts and the Home screen is displayed.
Operating the Interactive Pen

You can use the interactive pen supplied with your projector to operate the Easy Interactive Tools software.

The functions and shape of the interactive pen differ depending on the projector model with which it was supplied. For more details, see the projector's User's Guide.

Check that there is a battery in the interactive pen, and then turn it on.

- You can use two interactive pens at the same time, if available for your projector model. However, you can only use one while connected to a network or while on a window displayed in Whiteboard mode. See your projector’s User’s Guide for more information.
- You can operate Easy Interactive Tools with up to six devices at the same time, such as a mouse connected to a computer, interactive pens, and finger touch.
- The following operations can only be performed by one device:  
  - Operations on the Home screen, Settings screen, Camera screen, Insert image screen, and Select background screen  
  - Adjusting and editing identical shapes and images  
  - Using menus  
  - Entering text  
  - Operations on a window displayed in Whiteboard mode

Caution:
Do not hold the tip (a) of the interactive pen or allow it to become cracked or dirty. Otherwise, the interactive pen may fail to operate.

Finger Touch Operations

On projectors that support finger touch operation, you can use your finger to perform the same functions as the interactive pen.
When performing finger touch operations, you can use two fingers for multi-touch operations such as enlarging or reducing the image. The projector recognizes up to six multi-touch points. When a group of people are performing finger touch operations, all members must use the same drawing tool.

**Drawing**

Select functions from the Command Bar and the Drawing Toolbar.

1. **Command Bar**
   Allows you to change mode, save files, control connected devices, and make a variety of settings.

2. **Drawing Toolbar**
   Allows you to select the thickness and color of the pen lines, and select graphics or text for the drawing area.

**Two drawing modes**

Easy Interactive Tools provides two drawing modes. When you change the mode, the screen changes as shown below.

**Annotation mode**

Allows you to draw on the image currently displayed on the computer. This is useful when you need to emphasize certain points or add notes.
You can also draw on images from a document camera.

**Whiteboard mode**

Allows you to display and draw on a plain screen. You can treat the drawing area as a page, and create multiple pages to draw on.
You can also save your drawings as a file (using .eit file format) and open them again later.
Basic Operation

Drawing in Annotation mode

This section explains how to draw on images from a computer’s screen or document camera in Annotation mode.

1. Select Desktop annotation on the Home screen or from the Command Bar.
   Annotation mode starts and the computer’s screen is displayed.

2. To draw on images from a document camera, select Camera on the Home screen or from the Command Bar. The image from the document camera is displayed on the Camera screen.
   "Camera Screen" p.18


4. Draw on the projected image.
   To change the color and thickness of the pen lines, select next to to display the pen palette.
   Once you have selected the color and thickness, select to close the pen palette.

5. To erase drawings, select or from the Drawing Toolbar.
   • When you select , you can use the interactive pen or your finger as an eraser.
   • When you select , all of the current drawings are erased.

To save the contents of your drawing, select from the Command Bar.
You can save the displayed screen in .jpg, .bmp, .png, .pdf, or .eit format.
You can select the save location, file name, and the file format on the Save Settings tab on the Settings screen.
   "Save Settings tab" p.21

If you open an .eit file on another computer that has a different display resolution, some parts of the drawings may not be displayed.

Operating a mouse from the projected image (mouse operations)

When you select from the Drawing Toolbar in Annotation mode, you can operate the computer from the projected image (mouse operations).
When mouse operations are activated, you can use the interactive pen to perform operations such as click, right-click, and drag & drop.
• To click, press and remove the pen tip from the projected image.
• To right-click, press the right button on the interactive pen, or hold the pen tip on the projected image for a few seconds and then remove it.
• To drag & drop, press the pen tip to the icon or object that you want to move, drag the pen tip to where you want to move the object, and then remove the pen tip from the projected image.

You cannot use the drawing functions when performing mouse operations.
• To use the drawing functions, select again.
Basic Operation

Drawing in Whiteboard mode

This section explains how to draw on a plain page in Whiteboard mode. In Whiteboard mode, you can add pages from the Command Bar and display a page list screen where you can perform page operations.

1 Select New on the Home screen or 🖋️ from the Command Bar.

Whiteboard mode starts and a new page is displayed.

To open a previously saved file, select Open on the Home screen or 🖋️ from the Command Bar.

2 Select 🖋️ on the Drawing Toolbar.

3 Draw on the page.

To change the color and thickness of the pen lines, select 🖋️ next to 🖋️ to display the pen palette.

Once you have selected the color and thickness, select 🏷️ to close the pen palette.

4 To erase drawings, select 🦂 or 🤏 from the Drawing Toolbar.

- When you select 🦂, you can use the interactive pen or your finger as an eraser.
- When you select 🤏, all of the current drawings are erased.

5 From the Command Bar you can add, delete, duplicate, or move pages.

- Displays thumbnail images of the available pages.
- Select a thumbnail image to change the displayed page.
- Drag & drop a thumbnail image to change the display order.
- Adds and displays a new page.
- Duplicates the page currently displayed.
- Deletes the page currently displayed.
- Moves the page currently displayed up by one position.
- Moves the page currently displayed down by one position.

6 To save the contents of your drawing, select 🖼️ from the Command Bar.

When you use full display in Whiteboard mode, use 🖼️ to select Save or Save As.

Saves all pages with drawings in .jpg, .bmp, .png, .pdf, or .eit format. If you want to edit a file again in the future, you must save it in .eit format.
If you open an .eit file on another computer that has a different display resolution, some parts of the drawings may not be displayed.

<table>
<thead>
<tr>
<th>Save Format</th>
<th>Save Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>.jpg/.bmp/.png</td>
<td>Saves all pages by treating one page as one file.</td>
</tr>
<tr>
<td>.pdf/.eit</td>
<td>Saves all pages in one file.</td>
</tr>
</tbody>
</table>

You can select the save location, file name, and the file format on the Save Settings tab on the Settings screen.

"Save Settings tab" p.21

Changing between full display and window display

When you select  or  from the Command Bar in Whiteboard mode, you can switch the drawing screen between full display and window display.

- During window display, you can use only one finger or one interactive pen.
- During window display, operations outside the window become computer mouse operations.

Exiting Easy Interactive Tools

You can exit Easy Interactive Tools using one of the following methods:

- Click  on the Command Bar.
- Windows: Right-click  on the task tray and click Close window.
- OS X: Control-click  in the Dock, go to Easy Interactive Tools, and select Quit Easy Interactive Tools.
You can perform the following functions on the Home screen.

1. **Desktop annotation**
   Annotation mode starts and the computer’s screen is displayed.

2. **New**
   Whiteboard mode starts and a new file is displayed.

3. **Open**
   Whiteboard mode starts and you can open a file saved previously. You can select .eit files or .avi files for Windows, or .eit or .mov files for OS X.

4. **Recent Files**
   Whiteboard mode starts and the most recently saved file is opened. You can select .eit files or .avi files for Windows, or .eit or .mov files for OS X.

5. **Camera**
   Annotation mode starts and the image from the projector or document camera is projected.

6. **Web Browser**
   Annotation mode starts and the computer's Web browser starts.

7. **Other Applications**
   You can register up to eight shortcuts for frequently used applications.
   You can register an application by simply dragging & dropping the shortcut icon into the empty frame. To remove a registered application, drag & drop the icon off the Home screen.
   When EasyMP Network Projection or EasyMP Multi PC Projection are installed on the computer, these applications are registered automatically and cannot be removed.
Command Bar Functions

You can perform the following functions from the Command Bar.

**Annotation mode**

1. Home Screen
   Displays the Home screen.

2. Save
   Saves the displayed screen in .jpg, .bmp, .png, .pdf, or .eit format. All pages are saved in Whiteboard mode. If you save in .pdf or .eit format, all pages are saved as one file.
   
   When you use full display in Whiteboard mode, use to select **Save** or **Save As**.
   
   You can change the save location from the **Save Settings** tab on the Settings screen. If you want to edit a drawing again in the future, save it in .eit format.

   If you open an .eit file on another computer that has a different display resolution, some parts of the drawings may not be displayed.

   "Save Settings tab" p.21

3. Page up
   During Annotation mode, scrolls up in the selected document.
   
   During Whiteboard mode, moves the page currently displayed up by one position.

4. Page down
   During Annotation mode, scrolls down in the selected document.
   
   During Whiteboard mode, moves the page currently displayed down by one position.

**Whiteboard mode**

5. Other tools
   Displays the tool panel.
   "Tool Panel Functions" p.16

6. Camera
   Displays the image from a document camera connected to the computer. See the following for more information on using the Camera screen.
   "Camera Screen" p.18

7. Annotation mode
   Starts Annotation mode.

8. Whiteboard mode
   Starts Whiteboard mode.

9. Exit
   Quits Easy Interactive Tools.

You can change the size of the Command Bar by clicking in Annotation mode. When Camera is selected, the display format for the Command Bar is optimized for document camera operations.
Command Bar Functions

The following functions are available only in Whiteboard mode.

10. **New**  
Creates a new file.

11. **Open**  
Opens previously saved .eit files or .avi files for Windows, or .eit or .mov files for OS X.

12. **Page list**  
Displays the page list screen.  
When the interactive pen leaves the page list, the list is automatically minimized to the right or left of the screen.  
The page list is displayed again when the interactive pen moves to the minimized area.  
If you select , it changes to and the page list is locked in place.  
Select to close the page list.

13. **New page**  
Adds a new page after the page currently displayed.

14. **Copy page**  
Duplicates the page currently displayed and adds it after the current page.

15. **Delete page**  
Deletes the page currently displayed.

16. **Window Display**  
Switches the drawing screen between full display and window display.

Tool Panel Functions

The following panel is displayed when you select from the Command Bar.

**Annotation mode**

**Whiteboard mode**

1. **Enlarge Area**  
Displays an enlarged view of the image. Drag the cursor to select the area you want to enlarge.

2. **Print**  
Prints the screen currently displayed. All pages are printed when you use Whiteboard mode. You can also select the pages you want to print on the print settings screen.

3. **Capture**  
Captures the currently displayed screen and copies it to the clipboard. The clipboard holds only one item at a time.

When displaying a window in Whiteboard mode, any notes drawn outside the window frame are not copied.
Command Bar Functions

4. **Right click**
   (This is available only during mouse operations in Annotation mode.)
   A pen click functions as a right-click only once, and then returns to a normal click.

5. **Help**
   (This is available only during mouse operations in Annotation mode.)
   Displays the Help.

6. **Settings**
   Opens the Settings screen.
   ➤ "Settings Screen" p.20

7. **Input Panel**
   Displays a virtual keyboard on the screen. You can enter characters and control the computer from the virtual keyboard by selecting the keys.

8. **Projector Control**
   Select the following buttons to control the projector.
   When controlling a projector that is connected to a computer over a network, input the projector's IP Address and select the network information for the projector on the **Projector Settings** tab on the Settings screen.
   ➤ "Projector Settings tab" p.24
   • : Changes to the images from the device connected to the computer port.
   • : Changes to the images from the device connected to the video port.
   • : Changes to the images from the device connected over a network.
   • : Changes to the images from the device connected to the USB port.
   • : Pauses or plays the image being projected.
   • : Temporarily turns off/on the images and audio being projected.
   • : Increases the volume output from the projector.
   • : Decreases the volume output from the projector.

9. **Shade**
   Covers the projected image with a shade. You can drag the four sides to change the shaded area.
   Click ✗ to exit shade.

10. **Spotlight**
    Emphasizes part of the projected image using a spotlight effect. You can drag the spotlight frame to change the emphasized area.
    Click ✗ to exit spotlight.
    You can change the shape of the spotlight from the **General Settings** tab on the Settings screen.
The following functions are available only in Whiteboard mode.

1. **Select background**
   - Allows you to select from nine background patterns.
   - You can also select to show a still image of your current desktop, an image file, or an image from the document camera as the background image.

2. **Paste**
   - Pastes data from the clipboard to the currently displayed page.

3. **Insert image**
   - Select the image you want to insert into the currently displayed page. You can select a file in JPG, BMP, or PNG format.

4. **Select camera**
   - Displays a list of the document cameras connected to the computer. Select the document camera you want to use to project images in the Camera screen.

5. **Rotate**
   - Rotates the image by 180 degrees.

**Camera Screen**

The Camera screen is displayed when you select  from the Command Bar.

The Camera screen allows you to display images from a document camera connected to the computer. You can make adjustments such as changing the size and brightness of the image, and then save as an image or movie file.

* Available functions vary depending on the document camera model.
# Command Bar Functions

1. **Larger/Smaller**
   - Drag the cursor to select the area you want to enlarge. The enlarged image is displayed in a new window. You cannot record or save the image in the new window.
   - : Enlarges the image.
   - : Reduces the image.

2. **x1**
   Displays the image at its actual size without any enlargement or reduction.

3. **View full screen**
   Switches the Camera screen to full screen display. Click \(\text{ BASIS}^{\text{TM}}\) to switch back to the window display.

4. **Auto Focus**
   Adjusts the image focus automatically.

5. **Freeze**
   Pauses the image temporarily.

6. **Record**
   - : Records document camera images (except for drawings) and audio. While recording, the recording time is displayed in the lower right of the camera image. If audio is not recorded, set the audio input device on the Camera Settings tab on the Settings screen.
   - “Camera Settings tab” p.22
   - : Records document camera images (except for drawings) at one second intervals. Audio is not recorded.
   - : Stops recording.
   The recorded image is saved in .avi format for Windows or .mov format for OS X.
   You can set the save location for the recorded image on the Camera Settings tab on the Settings screen.
   - “Camera Settings tab” p.22

7. **Save Still Image**
   Saves the image (including drawings) currently being displayed as a still image.

8. **Use current image**
   Pastes the current document camera image onto a page in Whiteboard mode.
   * This is unavailable when Camera is set as the display format in the Command Bar.

9. **Picture Quality**
   Displays the Picture Quality window.
   - : Adjusts the contrast of the image. Move the slider to the right to increase the contrast and to the left to decrease the contrast.
   - : Adjusts the brightness of the image. Move the slider to the right to increase the brightness and to the left to decrease the brightness.
   - : Adjusts the white balance (tint) of the image. To increase the strength of the blue tint in the image, move the slider to the right. To increase the strength of the red tint in the image, move the slider to the left. When Auto White Balance is selected, the white balance for the image is adjusted automatically.
   - Reset: Restores the brightness, contrast, and white balance settings to their default settings.
   * This is not available if the connected document camera does not have a brightness, contrast, or white balance adjustment function.

10. **Pan/Tilt**
    Drag & drop to move the position of the image (only when an image is enlarged).

11. **Drawing**
    Use the Drawing Toolbar to draw on the image.
Command Bar Functions

Settings Screen

Select 📜 > 🕵️ from the Command Bar to display the Settings screen.

General Settings tab

<table>
<thead>
<tr>
<th>Toolbars sizes</th>
<th>Sets the size of the toolbar to Small or Normal.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spotlight shape</td>
<td>Sets the shape of the spotlight to a circle or square.</td>
</tr>
<tr>
<td>Slideshow Drawing Tool</td>
<td>Select to use the dedicated Slideshow drawing toolbar when projecting PowerPoint slideshows. 📜 &quot;Slideshow Drawing Tool&quot; p.27</td>
</tr>
</tbody>
</table>

Right Click Settings

<table>
<thead>
<tr>
<th>Right Click Settings</th>
<th>Select the operation performed when you right-click in the drawing area.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Open Drawing Toolbar: Displays the Drawing Toolbar at the position you right-clicked.</td>
</tr>
<tr>
<td></td>
<td>• Change to Mouse Mode: Changes from the drawing function to the mouse operation function (Annotation mode only).</td>
</tr>
<tr>
<td></td>
<td>• Change Between Pen and Eraser: Changes between the drawing function and the eraser function.</td>
</tr>
<tr>
<td></td>
<td>• Off: No operations are performed even if you right-click.</td>
</tr>
</tbody>
</table>

Color palette

<table>
<thead>
<tr>
<th>Color palette</th>
<th>Select Palette 2 to allow easy viewing for people with partial color blindness. Try Palette 2 if it is difficult to view colors using the default setting.</th>
</tr>
</thead>
</table>

Auto Clear Screen

<table>
<thead>
<tr>
<th>Auto Clear Screen</th>
<th>When Clear screen is selected, all the drawn content is erased when you perform the following operations:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Switch from drawing operations to mouse operations in Annotation mode</td>
</tr>
<tr>
<td></td>
<td>• Click Page up or Page down</td>
</tr>
</tbody>
</table>

Thickness of Preset Pen

<table>
<thead>
<tr>
<th>Thickness of Preset Pen</th>
<th>Select Thick or Thin to change the combination of line width for fine lines and thick lines for each black, red, and blue pen.</th>
</tr>
</thead>
</table>

Set the Command Bar for the Camera

<table>
<thead>
<tr>
<th>Set the Command Bar for the Camera</th>
<th>Set the display format for the Command Bar used for cameras.</th>
</tr>
</thead>
</table>

Version information

<table>
<thead>
<tr>
<th>Version information</th>
<th>Displays the version information for the Easy Interactive Tools you are using.</th>
</tr>
</thead>
</table>
Language Settings tab (Windows only)

**Change language**
Sets the display language for Easy Interactive Tools. This setting takes effect after restarting Easy Interactive Tools.

Save Settings tab

**Check when saving**
Select to display a screen where you can set the save location, file name, and file format when saving images.
## Command Bar Functions

### Save location folder
Selects the folder where you want to save the screen.
The following are the default folders for saving screens:

- **Windows**
  `<startup_drive>\users\<user_name>\Documents\Easy Interactive Tools`

- **OS X**
  `<startup_drive>\Users\<user_name>\Documents\Easy Interactive Tools`

### File name
Selects the file name when saving the files. You can enter up to 32 characters. (The following symbols cannot be used: /:*?"<>|)
A number and extension are added at the end of the file name when saving the file.
Example: AAA0001.jpg

### File type
Sets the file format when saving the files.

### Camera Settings tab

#### Check when saving
Select to display a screen where you can set the save location and file name when saving movies or images.
Save location folder
Selects the folder where you want to save the movie or image.

The following are the default folders for saving movies or images:

Windows
<startup_drive>:\users\<user_name>\Documents\Easy Interactive Tools

OS X
<startup_drive>:\Users\<user_name>\Documents\Easy Interactive Tools

File name
Selects the file name when saving the files. You can enter up to 32 characters. (The following symbols cannot be used: \/:*?"<>|)

A number and extension are added at the end of the file name when saving the file.
Example: AAA0001.avi

File type
Sets the file format when saving the files.

No Audio
Select if you do not want to record audio when recording movies.

Select Audio Device automatically
Select to automatically select the audio device used when recording movies.

Audio Device
Select the audio device you want to use when recording movies. This is unavailable when Select Audio Device automatically is selected.

Whiteboard mode settings tab

Page list display position
Selects the page list display position in Whiteboard mode.

Position of Whiteboard Command Bar
Selects the Command Bar display position.
## Projector Settings tab

![Settings Window](image)

<table>
<thead>
<tr>
<th><strong>Projector name</strong></th>
<th>Displays the target projector name.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IP address</strong></td>
<td>Enter the IP address of the projector to be controlled by Easy Interactive Tools from the projectors connected to the network. Click the <strong>Check Connection</strong> button to connect to the specified projector.</td>
</tr>
<tr>
<td><strong>Monitor Password</strong></td>
<td>Enter the Monitor Password set for the projector. You can enter up to 16 single-byte alphanumeric characters. If the password is wrong, you cannot connect to the projector.</td>
</tr>
</tbody>
</table>
You can select the following functions from the Drawing Toolbar.

**Annotation mode**

1. **Mouse** (This is available only in Annotation mode.)
   Switches from drawing operations to mouse operations, and the cursor on the computer screen becomes a normal mouse cursor. You can click and drag on the projected image using the interactive pen or your finger.
   Click this icon again to return to drawing operations.

2. **Undo**
   Undo the previous operation.

3. **Shapes**
   Select the shape you want from the shapes provided. You can also select the color and line width of the shape.

4. **Select**
   Select the drawn content or inserted image, and then perform operations such as moving the item or adjusting the size.

5. **Pen**
   Switches to a pen to draw freely. Click on the left of the icon to change the color and width of the pen line.

6. **Highlighter pen**
   Switches to a highlighter pen that can draw translucent lines. Click on the left of the icon to change the color and width of the highlighter pen line.

7. **Black pen**
   Switches to a black pen to draw freely. Click on the right of the icon to draw thick lines, and click on the left of the icon to draw fine lines.

8. **Red pen**
   Switches to a red pen to draw freely. Click on the right of the icon to draw thick lines, and click on the left of the icon to draw fine lines.

**Whiteboard mode**

1. **Mouse**
   Switches from drawing operations to mouse operations, and the cursor on the computer screen becomes a normal mouse cursor. You can click and drag on the projected image using the interactive pen or your finger.
   Click this icon again to return to drawing operations.

2. **Undo**
   Undo the previous operation.

3. **Shapes**
   Select the shape you want from the shapes provided. You can also select the color and line width of the shape.

4. **Select**
   Select the drawn content or inserted image, and then perform operations such as moving the item or adjusting the size.

5. **Pen**
   Switches to a pen to draw freely. Click on the left of the icon to change the color and width of the pen line.

6. **Highlighter pen**
   Switches to a highlighter pen that can draw translucent lines. Click on the left of the icon to change the color and width of the highlighter pen line.

7. **Black pen**
   Switches to a black pen to draw freely. Click on the right of the icon to draw thick lines, and click on the left of the icon to draw fine lines.

8. **Red pen**
   Switches to a red pen to draw freely. Click on the right of the icon to draw thick lines, and click on the left of the icon to draw fine lines.
Adjusting and Editing Shapes and Images

You can adjust and edit figures, lines, and inserted images.

- **Larger, Smaller**
  
  Select on the Drawing Toolbar, select the object, and then drag the points to enlarge or reduce the size.

  ![Image of adjusting shapes]

  When enlarging or reducing an object with your fingers, select the object, and then touch two of the points on the object. When enlarging, move your fingers apart to separate the two points. When reducing, move your fingers closer together.

- **Rotate**

  Select on the Drawing Toolbar, select the object, and then rotate the points.

  ![Image of rotating shapes]
When rotating an object with your fingers, select the object, and then touch two of the points on the object. Move your fingers in the direction you want to rotate to the object.

When selecting a figure drawn with lines, make sure you select the solid line.

You can perform the following operations from the sub menu by selecting on the Drawing Toolbar, selecting the object, and then selecting .

**Shortcut operations, such as pressing the Ctrl + A key on the computer’s keyboard, are not supported.**

### Slideshow Drawing Tool

The following PowerPoint versions are supported.

<table>
<thead>
<tr>
<th></th>
<th>Windows</th>
<th>OS X</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duplicate</strong></td>
<td>Creates an object identical to the selected object and places it at the lower right of the original object. You can select multiple objects.</td>
<td></td>
</tr>
<tr>
<td><strong>Infinite Cloning</strong></td>
<td>Enters Infinite Cloning status in which you can copy selected objects by dragging &amp; dropping. You can also enter this status by clicking at the top right of an object frame and set it to .</td>
<td></td>
</tr>
<tr>
<td><strong>Cancel Infinite Cloning</strong></td>
<td>Cancels Infinite Cloning status when the selected object is in that status. You can also cancel Infinite Cloning status by clicking at the top right of an object frame and set it to .</td>
<td></td>
</tr>
<tr>
<td><strong>Copy</strong></td>
<td>Copies the selected object to the clipboard. You can select multiple objects.</td>
<td></td>
</tr>
<tr>
<td><strong>Paste</strong></td>
<td>Pastes the copied object.</td>
<td></td>
</tr>
<tr>
<td><strong>Edit</strong></td>
<td>Edits the selected text.</td>
<td></td>
</tr>
<tr>
<td><strong>Group</strong></td>
<td>Groups multiple objects together to create one object.</td>
<td></td>
</tr>
<tr>
<td><strong>Ungroup</strong></td>
<td>Undoes the grouping performed using the <strong>Group</strong> function.</td>
<td></td>
</tr>
<tr>
<td><strong>Bring to Front</strong></td>
<td>Changes the overlapping order for the selected object. You can select multiple objects.</td>
<td></td>
</tr>
</tbody>
</table>

When a PowerPoint slideshow is started, the Drawing Toolbar changes as shown below, allowing you to use PowerPoint drawing tools.

**Windows**

![Drawing Toolbar (Windows)](image)

**OS X**

![Drawing Toolbar (OS X)](image)

Click  at the left or right of the screen to change the display position of the drawing tools.

- : Displays the drawing tools at the left of the screen.
- : Displays the drawing tools at the right of the screen.

When using Windows, you can save a PowerPoint slide with drawn content.
When using OS X, you can only draw.

- **Make sure you start Easy Interactive Tools before starting a PowerPoint slideshow.**
- **You can make settings to choose whether or not to use the Slideshow drawing tool when using PowerPoint on the General Settings tab.**

  "General Settings tab" p.20
<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Characters become garbled after changing the language.</td>
<td>Fonts for the language you are using are not available on your operating system. Select <strong>Restore defaults</strong> on the Settings screen to restore the default settings.</td>
</tr>
<tr>
<td></td>
<td>► “Settings Screen” p.20</td>
</tr>
</tbody>
</table>
| One person cannot operate their pen when two people are using interactive pens. | During the following operations, only one person can use the interactive pen:  
  • When window display is being used during mouse operations or Whiteboard mode  
  • While performing operations on the Home screen, Settings screen, Camera screen, Insert image screen, and Select background screen  
  • While adjusting and editing identical shapes and images  
  • While using menus  
  • While adding text                                                                                                                                 |
| Cannot draw on a Keynote slide presentation.                          | You cannot draw on Keynote slides in OS X.                                                                                                                                                               |
| Cannot display images correctly in Enlarge Area.                      | The following restrictions apply:  
  • Applications that use the Microsoft DirectX function may not display correctly when using Enlarge Area (Windows Vista only).  
  • DVD player images cannot be displayed correctly in Enlarge Area (OS X 10.7.x only).                                                                                                                                 |
| Cannot save or print images from Media Player.                        | The following restrictions apply:  
  • Applications that use the Microsoft DirectX function may not be able to save or print images correctly.  
  • DVD player images cannot be saved or printed correctly (OS X 10.7.x only).                                                                                                                                 |
| Cannot read some of the drawings when opening an .eit file.           |  
  • If you open the .eit file on another computer that has a different display resolution, parts of the drawings may not be displayed. Open the .eit file on a computer that has the same display resolution.  
  • The .eit file may have been corrupted. Create the drawings again.                                                                                                                                 |
| Cannot playback recorded movies correctly.                            |  
  • Use Windows Media Player to play movies recorded on Windows operating systems.  
  • Use QuickTime Player 7.7 or later to play movies recorded on OS X operating systems.  
  Depending on the document camera being used, audio is not recorded.                                                                                                                                 |
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Operating System References

Microsoft® Windows Vista® operating system
Microsoft® Windows® 7 operating system
Microsoft® Windows® 8 operating system
Microsoft® Windows® 8.1 operating system
Microsoft® Windows® 10 operating system

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OS X 10.7.x
OS X 10.8.x
OS X 10.9.x
OS X 10.10.x
OS X 10.11.x

In this guide, the operating systems above are referred to as "Mac OS X 10.7.x", "Mac OS X 10.8.x", "Mac OS X 10.9.x", "Mac OS X 10.10.x" and "Mac OS X 10.11.x". Furthermore, the collective term "OS X" is used to refer to them all.

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#### zlib-1.2.8

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