



Easy Interactive Tools Ver.4.2 Operation Guide



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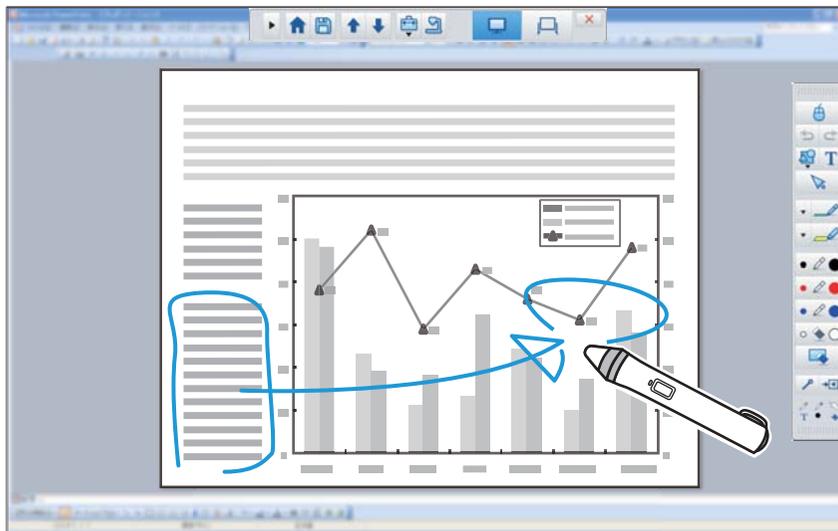
Features

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

By using the interactive pen supplied with the projector, the following drawing functions become available. You can also use your finger to draw on the projected image if your projector supports touch operations.

Drawing on the projected image (Annotation mode)

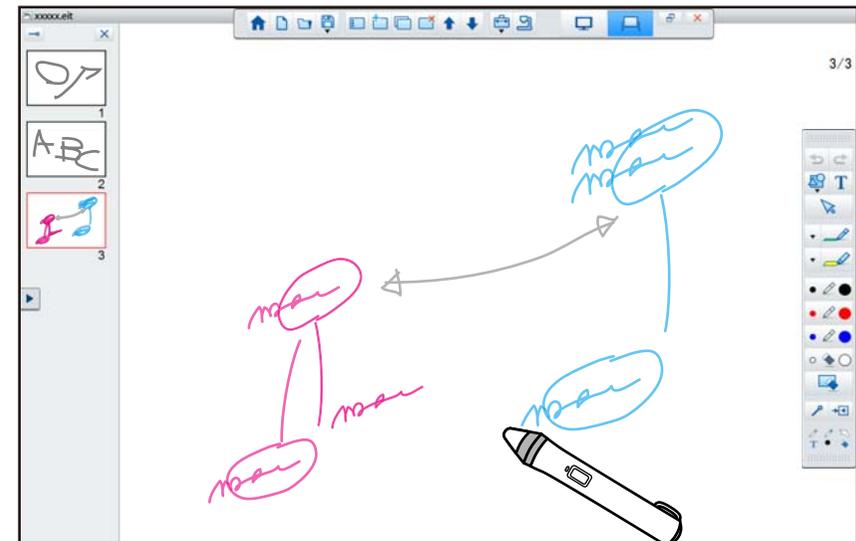
Annotation mode allows you to add points and notes to the projected image. By using illustrations, images, and graphics, you can enhance classroom lessons and create more appealing presentations.



☛ "Drawing in Annotation mode" p.11

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.



☛ "Drawing in Whiteboard mode" p.12

Useful functions

- Operate the computer's mouse
 - ☛ "Operating a mouse from the projected image (mouse operations)" p.12
- Control devices connected to a computer, such as a projector or document camera
 - ☛ "Tool Panel Functions" p.18
 - ☛ "Camera Screen" p.20

- Edit content drawn on the projected screen
 - ☛ "Adjusting and Editing Shapes and Images" p.28
- Save the content you created as a PowerPoint slide
 - ☛ "Slideshow Drawing Tool" p.29
- Use for teleconferencing

When you connect the projector to a computer over a network using 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.

For more information about EasyMP Multi PC Projection, visit <http://www.epson.com>.

System Requirements

Windows

OS	Windows Vista*	Ultimate 32-bit Enterprise 32-bit Business 32-bit Home Premium 32-bit Home Basic 32-bit
	Windows 7	Ultimate 32-/64-bit Enterprise 32-/64-bit Professional 32-/64-bit Home Premium 32-/64-bit Home Basic 32-bit
	Windows 8	Windows 8 32-/64-bit Windows 8 Pro 32-/64-bit Windows 8 Enterprise 32-/64-bit

	Windows 8.1	Windows 8.1 32-/64-bit Windows 8.1 Pro 32-/64-bit Windows 8.1 Enterprise 32-/64-bit
	Windows 10	Home 32-/64-bit Pro 32-/64-bit Enterprise 32-/64-bit Education 32-/64-bit
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	

* Service Pack 2 or later

OS X

OS*	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	
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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* QuickTime 7.7 or later is required.

Installing



- Install the software as a user with administrator authority.
- Close all running applications and then start the installation.
- When operating a document camera in Easy Interactive Tools, you can set the display format for the Command Bar that is suitable for cameras. On the installation screen, set Main Instructions to **Drawing on the Camera screen**. (You can change this setting from the **General** tab on the **Settings** screen.)

Windows

- 1** Turn on your computer.
- 2** Insert the EPSON Projector Software for Easy Interactive Function CD-ROM into your computer.

The installer starts automatically. If the installer does not start automatically, double-click the **InstallNavi.exe** file in the CD-ROM drive.
- 3** Follow the on-screen instructions to install.

OS X

- 1** Turn on your computer.
- 2** Insert the EPSON Projector Software for Easy Interactive Function CD-ROM into your computer.
- 3** Double-click the **Install Navi** icon in the EPSON window.
- 4** Follow the on-screen instructions to install.



When drawing across two displays in Windows, or when using OS X, you need to install Easy Interactive Driver. Select Easy Install and install Easy Interactive Driver.

 **Projector's User's Guide**

When using EB-465i/EB-460i/EB-455Wi/EB-450Wi/BrightLink 455Wi/BrightLink 450Wi, use Easy Interactive Driver Ver.1.XX. (OS X only)



See the following website for the latest Easy Interactive Tools version, as well as information on supported projectors. <http://www.epson.com>

Uninstalling

Windows Vista/Windows 7

- 1** Click **Start**, and then **Control Panel**.
- 2** Click **Uninstall a program**.
- 3** Select **Easy Interactive Tools Ver.X.XX**, and then click **Uninstall**.

Windows 8/Windows 8.1

- 1** Select **Search** on the Charms, and then search for **Easy Interactive Tools Ver.X.XX**.
- 2** Right-click (press and hold) **Easy Interactive Tools Ver.X.XX**, and then select **Uninstall** from the app bar.
- 3** Select **Easy Interactive Tools Ver.X.XX**, and then select **Uninstall**.

Windows 10

- 1** Right click **Start**.
- 2** Click **Control Panel**.
- 3** Click **Uninstall a program**.
- 4** Select **Easy Interactive Tools Ver.X.XX**, and then click **Uninstall**.

OS X

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

Starting Easy Interactive Tools

Make the following preparations before starting Easy Interactive Tools.



The projector's setting method and items varies 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 projector's User's Guide.

When connecting a computer to the projector with a USB cable

- Connect the USB cable to the computer's USB port and the projector's USB-B port.
- Set the **Extended** settings from the projector's Configuration menu.

When connecting a computer to the projector over a network

- Make network settings so that the computer can connect to the network.
- Connect a wireless LAN unit or a LAN cable so that the projector can connect to the network.
- Set the **Network** settings from the projector's Configuration menu.
- Install EasyMP Multi PC Projection from the EPSON Projector Software CD-ROM supplied with the projector.
- If you are connecting using EasyMP Multi PC Projection, open the Set options screen, select the **General settings** tab, and then select **Use Interactive Pen** and **Use Easy Interactive Tools**.

- 1 Turn on the projector and project images from the computer.
- 2 Start Easy Interactive Tools on the computer.

- **Windows Vista/Windows 7:** Select **Start - Programs (or All Programs) - EPSON Projector - Easy Interactive Tools Ver.X.XX**.
- **Windows 8/Windows 8.1:** On the **Start** screen or the **App** screen, click (tap) **Easy Interactive Tools Ver.X.XX**.
- **Windows 10:** Select **Start - All apps - EPSON Projector - 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.



If you start Easy Interactive Tools while playing a movie, the movie playback screen may turn black. Restart the application software that is playing the movie.

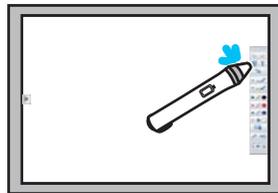
Operating the Interactive Pen

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

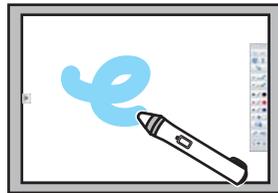
The functions and shape of the interactive pen differ depending on the model with which it was supplied. For more details, see the projector's User's Guide.

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

Press the pen tip button to the screen to select an icon.



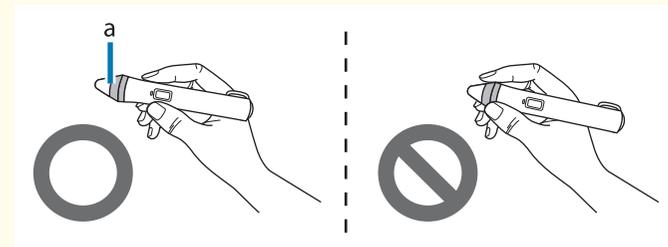
Press and move the pen on the screen to draw.



- You can use two interactive pens at the same time except when using EB-465i/EB-460i/EB-455Wi/EB-450Wi/BrightLink 455Wi/BrightLink 450Wi.
- You can operate Easy Interactive Tools with up to six devices at the same time, such as a mouse connected to a computer. For OS X, you can operate with up to three devices.
- 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

Attention

Do not hold the nib section (a) of the interactive pen, or allow it to be cracked or dirty. Otherwise, the interactive pen may fail to operate.



Touch Operations

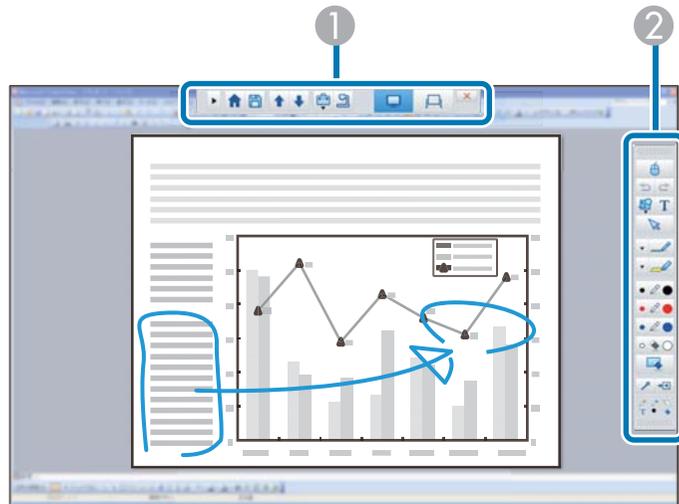
On projectors that support touch operation, you can use your finger to perform the same functions as the interactive pen.

When performing touch operations, you can also 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 touch operations, all members must use the same drawing tool.

Drawing

Select a function 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.

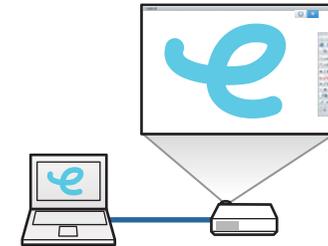
Available drawing screens

In Easy Interactive Tools, you can select a drawing screen according to the environment in which you are using the projector.

To switch the drawing screen, click [] - [] on the command bar, and then select settings under the **Enlarge Screen** tab.

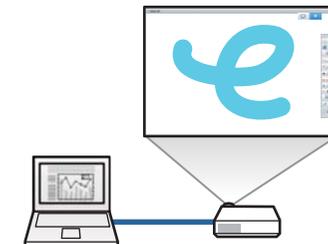
Primary Display

You can project your computer's screen to draw on the projected screen.



Secondary Display

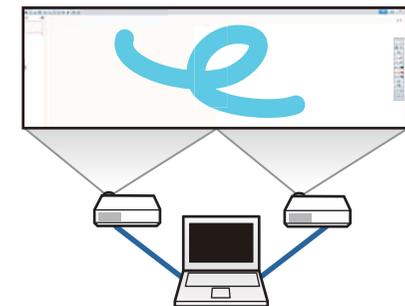
While displaying content on your computer screen, you can project different content from the projector. You can draw only on the projected screen.



Use Multi-Projection

You can project images from multiple projectors and draw across two projected screens.

 "Drawing Across Two Screens"
[p.14](#)



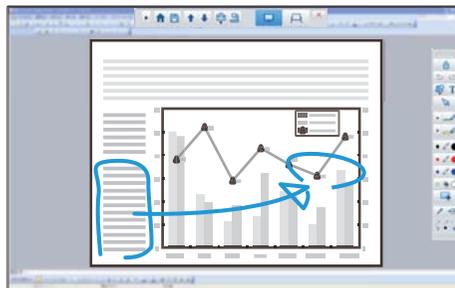
Two drawing modes

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.

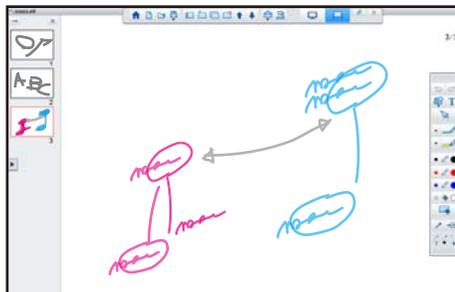
You can also draw on images from a document camera.



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 and open them again later.



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.



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.20

- 2 Select [] on the Drawing Toolbar.

- 3 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.

- 4 To erase drawings, select [] or [] from the Drawing Toolbar.

- When you select []: You can use the interactive pen as an eraser.
- When you select []: All of the current drawings are erased.

- 5** To save the content of your drawing, select [] from the Command Bar.

You can save the displayed screen in JPG, BMP, PNG, PDF, or EIT format.

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

 "Save tab" [p.24](#)



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 is activated, you can use the interactive pen to perform operations such as click, right-click, and drag & drop.

- Click: Press and remove the pen tip from the projected image.
- Right-click: Press the right button on the interactive pen, or hold the pen tip to the projected image for a few seconds and then remove the pen tip from the image.
- 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.

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, as well as display the 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 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: Changes the displayed page.
- Drag & drop a thumbnail image: Changes 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 content 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, select 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.

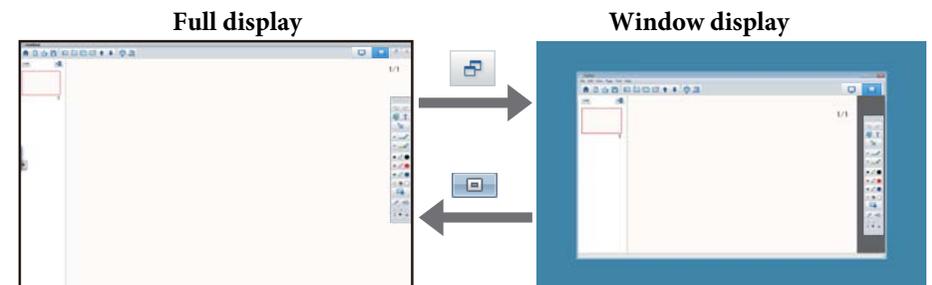
Save Format	Save Unit
JPG/BMP/PNG	Saves all pages by treating one page as one file.
PDF/EIT	Saves all pages in one file.

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

☞ "Save tab" [p.24](#)

Changing between full display and window display

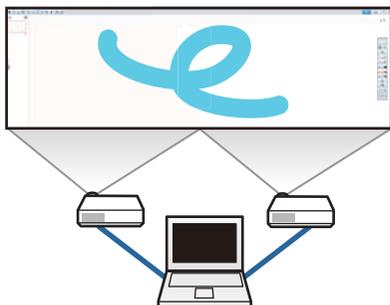
When you select []/[] from the Command Bar in Whiteboard mode, you can change the drawing screen between full display and window display.



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

Drawing Across Two Screens

You can draw across two screens when multiple projectors are connected to the computer being used.



Make the following preparations before drawing across two screens.



- You need to install Easy Interactive Driver Ver.4.0 to draw across two screens.
 "Installing" p.6
- The projector's setting method and items varies depending on the model being used. Also, you cannot draw across two screens if your projector does not support the feature. For more details, see the projector's User's Guide.

Connecting multiple projectors

Follow the steps below to connect a computer to the projector.

- Connect an image signal cable such as a computer cable or an HDMI cable.
- Connect the USB cable to the computer's USB port and the projector's USB-B port.
- Set the Extended settings from the projector's **Configuration** menu.

When you have finished connecting the projector, check the following on the computer being used.

- The resolution for the primary display and the secondary display are the same
- The primary display and the secondary display are displayed at the same height
- The secondary display is placed on the right of the primary display
- System Configuration - Mission Control - Operating space for each display** is set to **Off** (OS X only)

Setting the projector

In the projector's **Extended - Easy Interactive Function - General - Advanced - Multi-Projection** menu, select the projector's installation position.

Setting Easy Interactive Tools

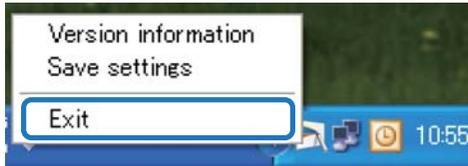
- Click [] - [] on the Command Bar.
The **Settings** screen is displayed.
- On the **Enlarge Screen** tab, select **Use Multi-Projection** under **Use Screen Settings**.

Exiting Easy Interactive Tools

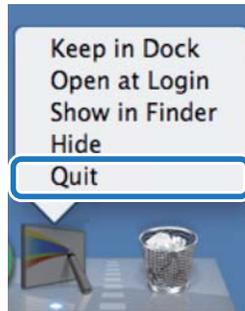
You can exit Easy Interactive Tools using one of the following methods.

- Click [] from the Command Bar.

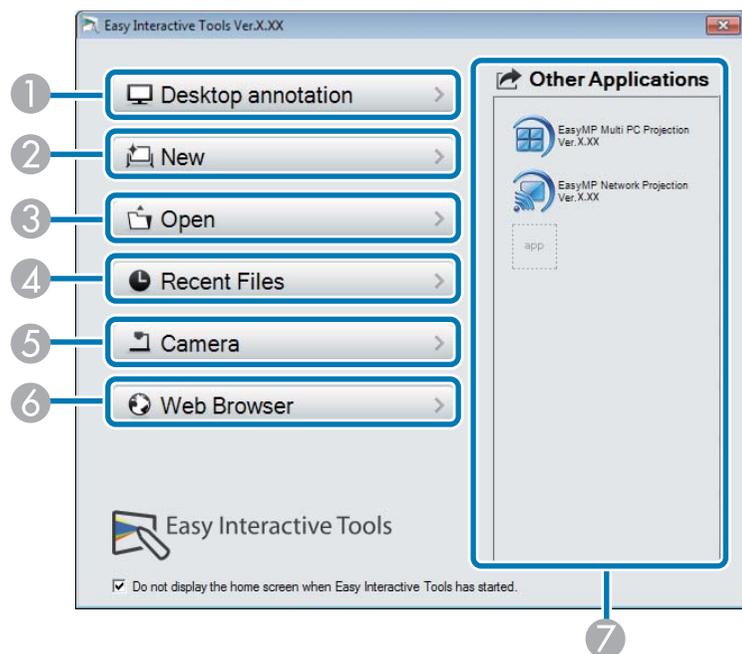
- **Windows:** Click [] on the task tray, and then click **Exit** from the popup menu.



- **OS X:** Control-click [] in the Dock, and then click **Quit** from the popup menu.



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 .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 .mov files for OS X.

5 Camera

Annotation mode starts and the image from the 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 six shortcuts for frequently used applications.

You can register an application by simply dragging & dropping the shortcut icon into an 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. These applications cannot be removed.

You can perform the following functions from the Command Bar.

Annotation mode



Whiteboard mode



①  **Home Screen**

Displays the Home screen.

②  **Save**

Saves the displayed screen in JPEG, 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** 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 tab" [p.24](#)

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.

⑤  **Other tools**

Displays the tool panel.
☞ "Tool Panel Functions" [p.18](#)

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.20](#)

* This function supports the Epson document camera. For a list of supported document cameras, contact the nearest address provided in the Epson Projector Contact List in your projector's or document camera's User's Guide.

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.

The following functions are only available in Whiteboard mode.

⑩  **New**

- 11  **Open**
Creates a new file.
Opens previously saved EIT files, or .avi files for Windows or .mov files for OS X.



When you open a file created in a single display environment, the saved drawings are displayed on the primary display and you cannot draw on the secondary display even if Use Multi-Projection is enabled.

To draw on both screens, click [] to create a new page or click [] to duplicate the page that contains drawings across two screens.

- 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.

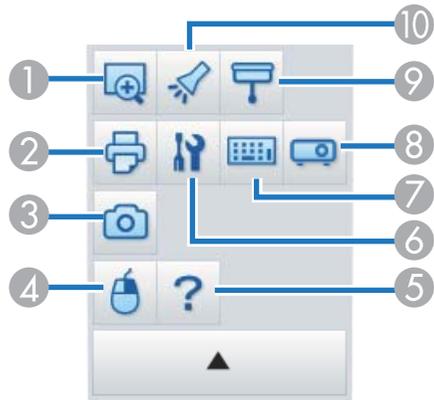
- 15  **Delete page**
Deletes the page currently displayed.

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

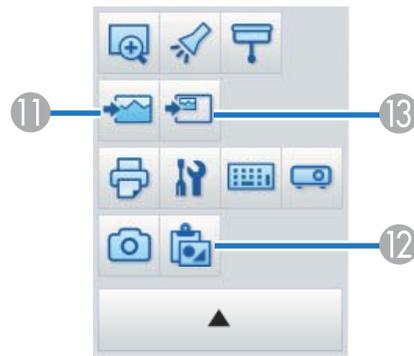
Tool Panel Functions

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

Annotation mode



Whiteboard mode



(This is only available during mouse operations in Annotation mode.)

Displays the Help.

Settings

Opens the Settings screen.

☛ "Settings Screen" p.22

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.

- 

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.
- 

4 Right click
(This is only available 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



8



Projector Control

Select the following buttons to control the projector.

When controlling a projector that is connected to a computer over a network, set the network information for the projector on the **Projector** tab on the Settings screen.

☞ "Projector tab" p.26

- []: 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** tab on the Settings screen.

The following functions are only available in Whiteboard mode.

11



Select background

Allows you to select a background from the nine patterns provided. 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.

12



Paste

Pastes data from the clipboard to the currently displayed page.

13



Insert image

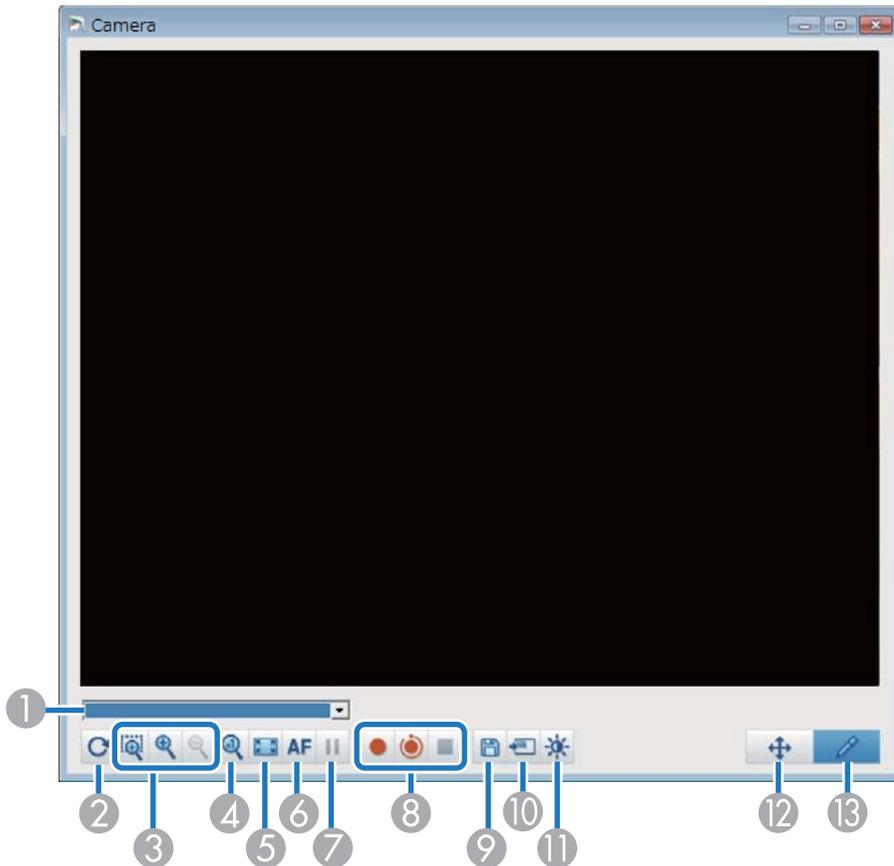
Select the image you want to insert into the currently displayed page. You can select a file in JPG, BMP, or PNG format.

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.

* The functions available differ depending on the document camera being used.



1 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.

2 Rotate

Rotates the image by 180 degrees.

3 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.

4 x1

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

5 View full screen

Switches the Camera screen to full screen display. Click [] to switch back to the window display.

6 Auto Focus

Adjusts the image focus automatically.

7 Freeze

Pauses the image temporarily.

8 Record

- []: Records document camera images (except for drawings) and audio. While recording, the recording time is displayed at the lower right of the camera image. If audio is not recorded, set the audio input device on the **Camera** tab on the Settings screen.

☛ "Camera tab" p.25

- []: 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 and .mov format for OS X.

You can set the save location for the recorded image on the **Camera** tab on the Settings screen.

☛ "Camera tab" p.25

9 Save Still Image

Saves the image (including drawings) currently being displayed as a still image.

10 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 for the Command Bar.

11 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.
- [**WB**]: 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.

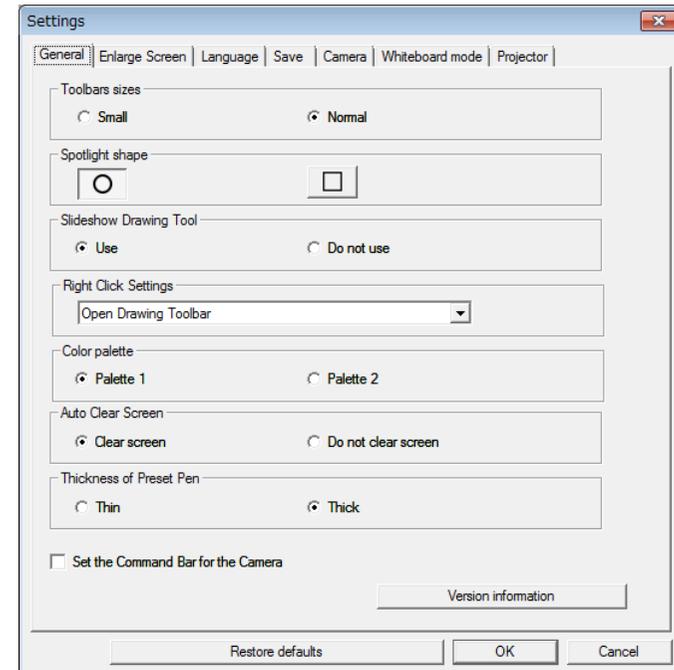
12 Pan/Tilt

Drag & drop to move the position of the image (only when an image is enlarged).

13 Drawing

Use the Drawing Toolbar to draw on the image.

General tab



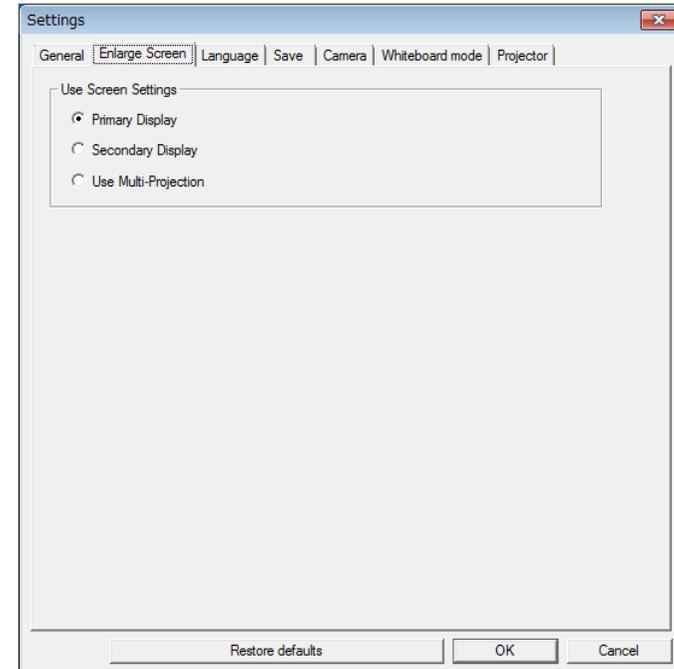
Toolbars sizes	Sets the size of the toolbar to Small or Normal .
Spotlight shape	Sets the shape of the spotlight to a circle or square.
Slideshow Drawing Tool	Select to use the dedicated Slideshow drawing toolbar when projecting PowerPoint slides.  "Slideshow Drawing Tool" p.29

Settings Screen

Select [] - [] from the Command Bar to display the Settings screen.

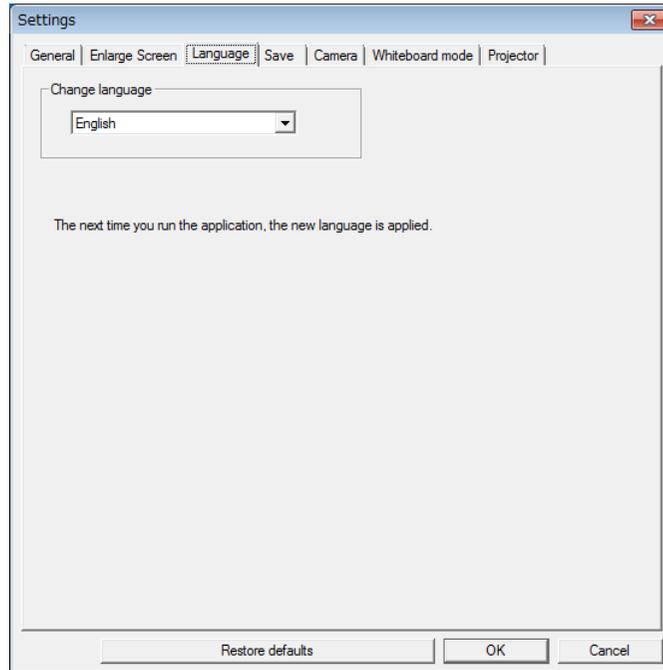
Right Click Settings	<p>Set the operation performed when you right-click in the drawing area.</p> <ul style="list-style-type: none"> • Open Drawing Toolbar: Displays the Drawing Toolbar at the position you right-clicked. • Change to Mouse Mode: Changes from the drawing function to the mouse operation function (during Annotation mode only). • Change Between Pen and Eraser: Changes between the drawing function and the eraser function. • Clear screen: Clears all of the drawings. • Off: No operations are performed even if you right-click.
Color palette	<p>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.</p>
Auto Clear Screen	<p>When Clear screen is selected, all the drawn content is erased when you perform the following operations.</p> <ul style="list-style-type: none"> • Switching from drawing operations to mouse operations in Annotation mode • Clicking Page up or Page down
Thickness of Preset Pen	<p>Select Thick or Thin to change the combination of line width for fine lines and thick lines for each black, red, and blue pen.</p>
Set the Command Bar for the Camera	<p>Set the display format for the Command Bar used for cameras.</p>
Version information	<p>Displays the version information for the Easy Interactive Tools you are using.</p>

Enlarge Screen tab



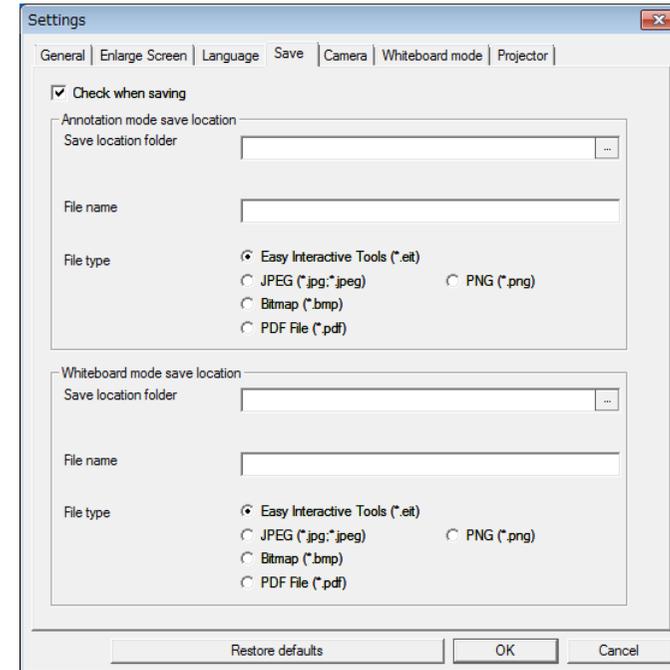
Use Screen Settings	<p>Select the screen drawn in Easy Interactive Tools.</p> <ul style="list-style-type: none"> • Primary Display: Allows you to draw on the primary display only. • Secondary Display: Allows you to draw on the secondary display only. • Use Multi-Projection: Allows you to draw across the primary and secondary displays.
---------------------	--

Language tab (Windows only)



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

Save tab

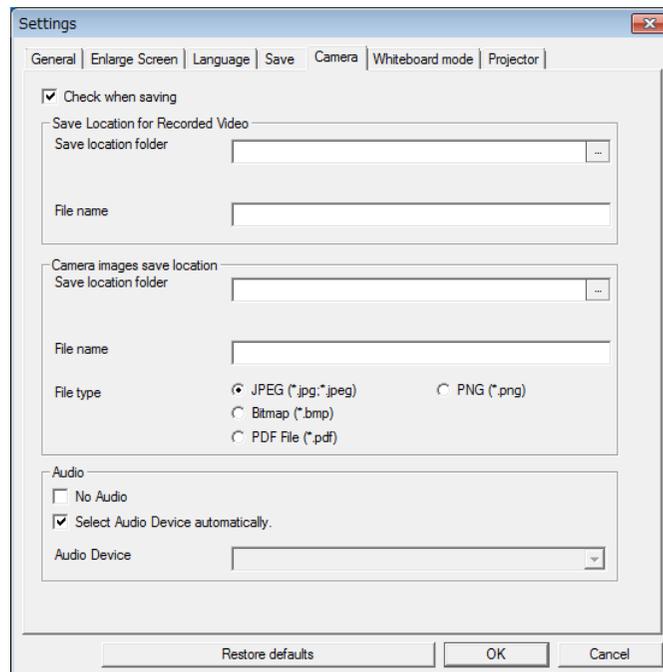


Check when saving	Select to display the screen where you can set the save location, file name, and file format when saving images.
Save location folder	<p>Sets the folder where you want to save the screen. The following are the default folders for saving screens.</p> <p>Windows <startup_drive>:\users\<user_name>\documents\easy interactive="" p="" tools<=""> <p>OS X <startup_drive>:\Users\<user_name>\documents\easy interactive="" p="" tools<=""> </user_name>\documents\easy></p></user_name>\documents\easy></p>

File name	Sets 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.

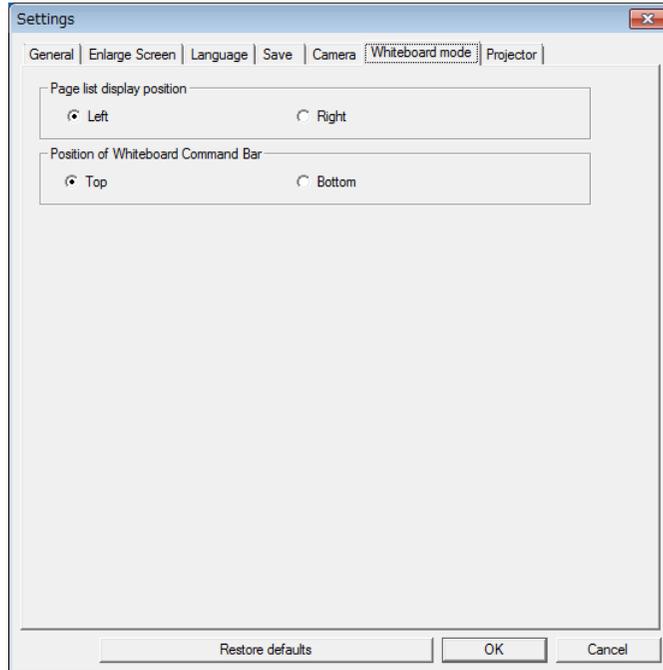
Save location folder	Sets the folder where you want to save the movie or image. The following are the default folders for saving movies or images. Windows <startup_drive>:\users\ <user_name>\documents\easy interactive="" tools<br=""></user_name>\documents\easy> OS X <startup_drive>:\Users\ <user_name>\documents\easy interactive="" td="" tools<=""> </user_name>\documents\easy>
File name	Sets 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 being used when recording movies.
Audio Device	Select the audio device you want to use when recording images. This is unavailable when Select Audio Device automatically is selected.

Camera tab



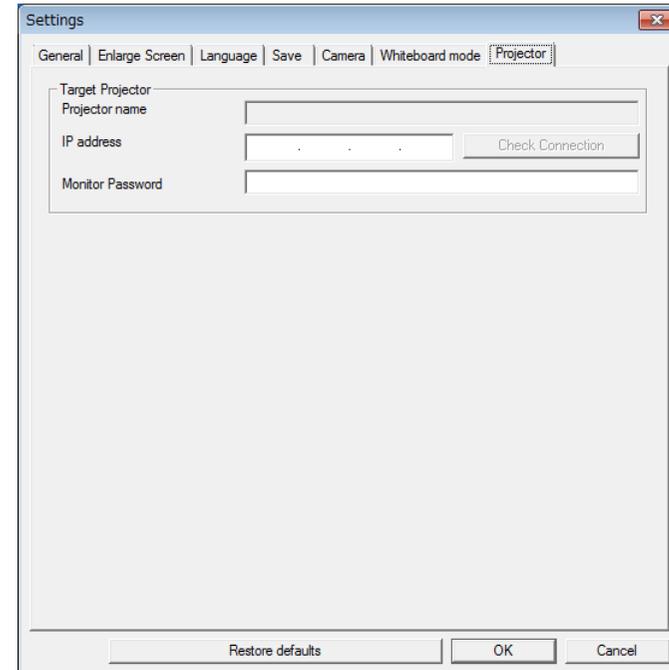
Check when saving	Select to display the screen where you can set the save location and file name when saving movies or images.
-------------------	--

Whiteboard mode tab



Page list display position	Sets the position where the page list is displayed in Whiteboard mode.
Position of Whiteboard Command Bar	Set the Command Bar display position.

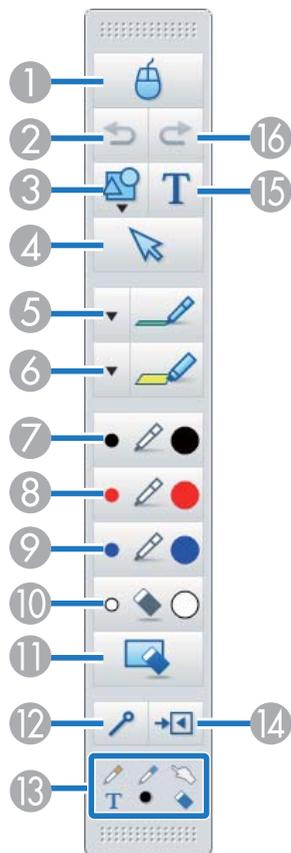
Projector tab



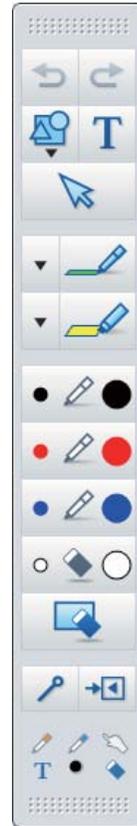
Projector name	Displays the target projector name (displays only).
IP address	Enter the IP address of the projector to be controlled by Easy Interactive Tools from the projectors connected to the network. Click the Check Connection button to connect to the specified projector.
Monitor Password	Enter 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.

You can select the following functions from the Drawing Toolbar.

Annotation mode



Whiteboard mode



- 1

Mouse
 (This is only available during 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. 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.
- 9

Blue pen
 Switches to a blue 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.
- 10

Eraser
 Switches to an eraser. Click on the right of the icon to erase wider areas, and click on the left of the icon to erase narrower areas.
- 11

Clear screen
 Clears everything drawn on the displayed page.
- 12

Always show toolbars

(This is unavailable when displayed on a window during Whiteboard mode.)

The Drawing Toolbar is always displayed.

13  **Selected tool**

Displays the tool selected in pen [] [] and touch [] as an icon. (The displayed content differs depending on the model being used.)

14  **Close**

(This is unavailable when displayed on a window during Whiteboard mode.)

Closes the Drawing Toolbar. The Command Bar is also closed during Annotation mode.

You can display the Drawing Toolbar again by selecting the Drawing Toolbar tab [] on the right or left side of the screen.

15  **Add Text**

Changes to text entry. Select the drawing area to display the text box.

16  **Redo**

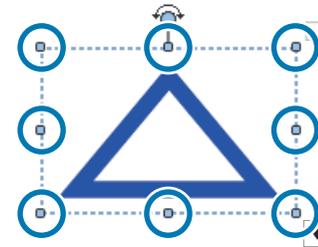
Cancels an undo operation and restores the previous status.

Adjusting and Editing Shapes and Images

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

- Larger, Smaller

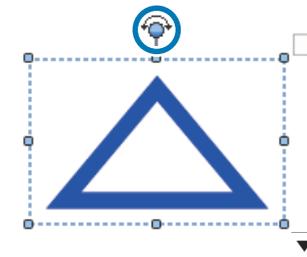
Select [] on the Drawing Toolbar, select the object, and then drag the points to enlarge or reduce.



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.



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 [].

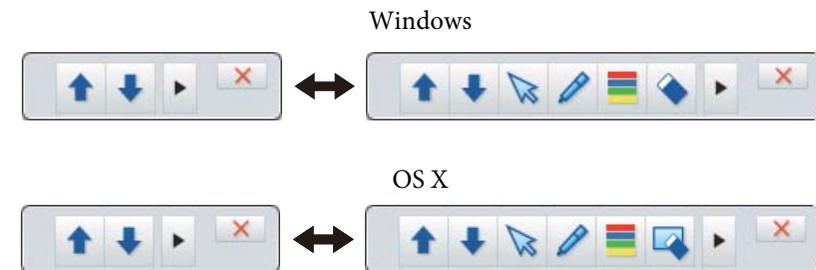
Duplicate	Creates an object identical to the selected object, and places it at the lower right of the original object. You can select multiple objects.
Infinite Cloning	Enters Infinite Cloning status in which you can copy selected objects by dragging & dropping. You can also enter this status by clicking [<input type="checkbox"/>] at the top right of an object frame and set it to [<input checked="" type="checkbox"/>].
Cancel Infinite Cloning	Cancels Infinite Cloning status when the selected object is in that status. You can also cancel Infinite Cloning status by clicking [<input checked="" type="checkbox"/>] at the top right of an object frame and set it to [<input type="checkbox"/>].
Copy	Copies the selected object to the clipboard. You can select multiple objects.
Paste	Pastes the copied object.
Edit	Edits the selected text.
Group	Groups multiple objects together to create one object.
Ungroup	Undoes the grouping performed using the Group function.
Bring to Front Send to Back Bring Forward Send Backward	Changes the overlapping order for the selected object. You can select multiple objects.
Delete	Deletes the selected object. You can select multiple objects.



Shortcut operations, such as pressing the [ctrl] + [A] key on the computer's keyboard, are not supported.

Slideshow Drawing Tool

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



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 PowerPoint drawing tool on the **General** tab.
 - ☛ "General tab" [p.22](#)



The following PowerPoint versions are supported.

Windows	Microsoft PowerPoint 2003/2007/2010/2013/2016
OS X	Microsoft PowerPoint 2008/2011/2016

Problem	Solution
Characters become garbled after changing the language.	Characters become garbled if fonts for the language you are using are not available on your operating system. Select Restore defaults on the Settings screen to restore the default settings.  "Settings Screen" p.22
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. <ul style="list-style-type: none"> • 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 the Keynote slide presentation.	You cannot draw on the Keynote slides in OS X.
Cannot display images correctly in Enlarge Area.	The following restrictions apply. <ul style="list-style-type: none"> • 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.
Cannot save or print images from Media Player.	The following restrictions apply. <ul style="list-style-type: none"> • 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.
Cannot read some of the drawings when opening an EIT file.	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> • 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.
Drawings across two screens are cut off	<ul style="list-style-type: none"> • Check that Easy Interactive Driver Ver.4.0 is installed. • Drawings may be cut off depending on the installation environment of the projectors.

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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

In this guide, the operating systems above are referred to as "Windows Vista", "Windows 7", "Windows 8", "Windows 8.1", and "Windows 10". Furthermore, the collective term Windows may be used to refer to Windows Vista, Windows 7, Windows 8, Windows 8.1, and Windows 10 and multiple versions of Windows may be referred to as, for example, Windows Vista/7/8, with the Windows notation omitted.

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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