



USER'S MANUAL

@Scribe™

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1. Software Introduction

WScribe is interactive whiteboard software which is based on interactive touch operation. The software is suitable for smart panel classroom teaching, which provides whiteboard functions such as writing, erasing, notation, drawing and roaming, at the same time, it fully integrates smart panel interactive multimedia functions, providing powerful interactive teaching and displaying experiences such as sub-subject teaching tools and multimedia demonstration.

Friendly user interface, convenient operating experience, and various subjects' scenes, are all outstanding parts of Wscribe software.

★ Convenient operation experience. Navigation map is convenient for user positioning page, toolbar mobile with gestures convenient for user demonstration operation.

★ Various subject scenes. Different subject is set with different subject scenarios, including English, Math, Physics, and etc. Different subjects provide different teaching tools, and the user can apply different subject scenes for teaching according to the current subject.

★ Convenient and practical presentation tools. Functions such as screen cover, spotlight, screen zooming, and annotation at any time, integrate traditional blackboard presentation into computer intelligence, which enhances practicality and convenience of the software while inheriting traditional operation habit.

★ Actual simulation of soft pen. Soft pen function provides feeling of simulating soft pen, and during writing process, user can present handwriting effect of different degree of thickness according to user's writing speed, to provide users better writing experience.

★ Personalized custom settings. Users can customize settings for brush, eraser and canvas background according to need, fully meeting demonstration need from each detail.

2. Installation Instructions

2.1 Operating Environment

- Windows XP/ 7/ 8 system
- . Net Framework 4.0 or above version
- Microsoft Media 10.0 or above version
- Microsoft Office 2007 and 2010 version

2.2 Install WScribe

Select setup.exe – the application software installer. Click the installer icon to pop up the Language Selection dialogue box as shown in Figure2-2-1, the user can select the language to install the software.

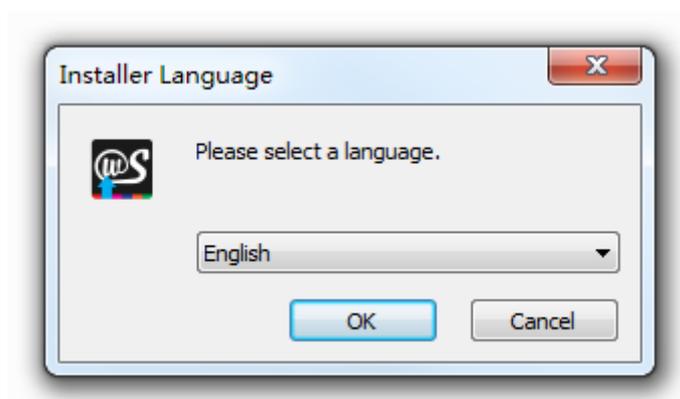


Figure.2-2-1 Language Selection

Click “Ok” to enter to the Ready to Install Screen as shown in Figure 2-2-2.

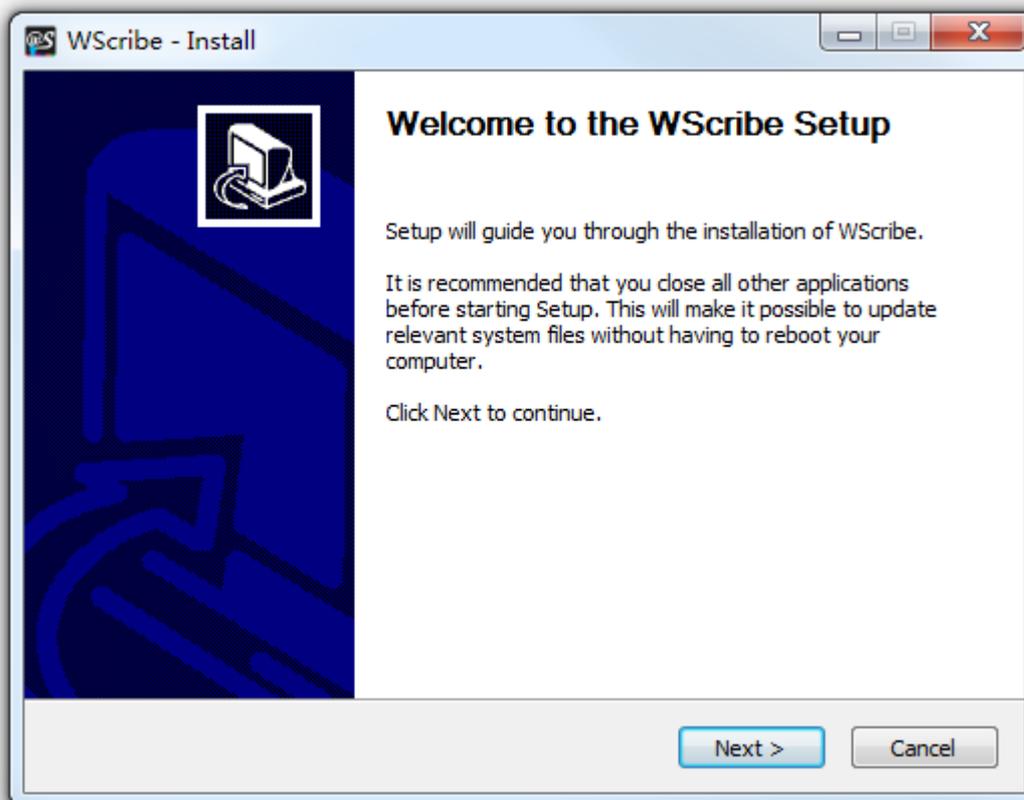


Figure 2-2-2 Ready to Install Screen

Click "Next" to install the software as shown in Figure 2-2-3.

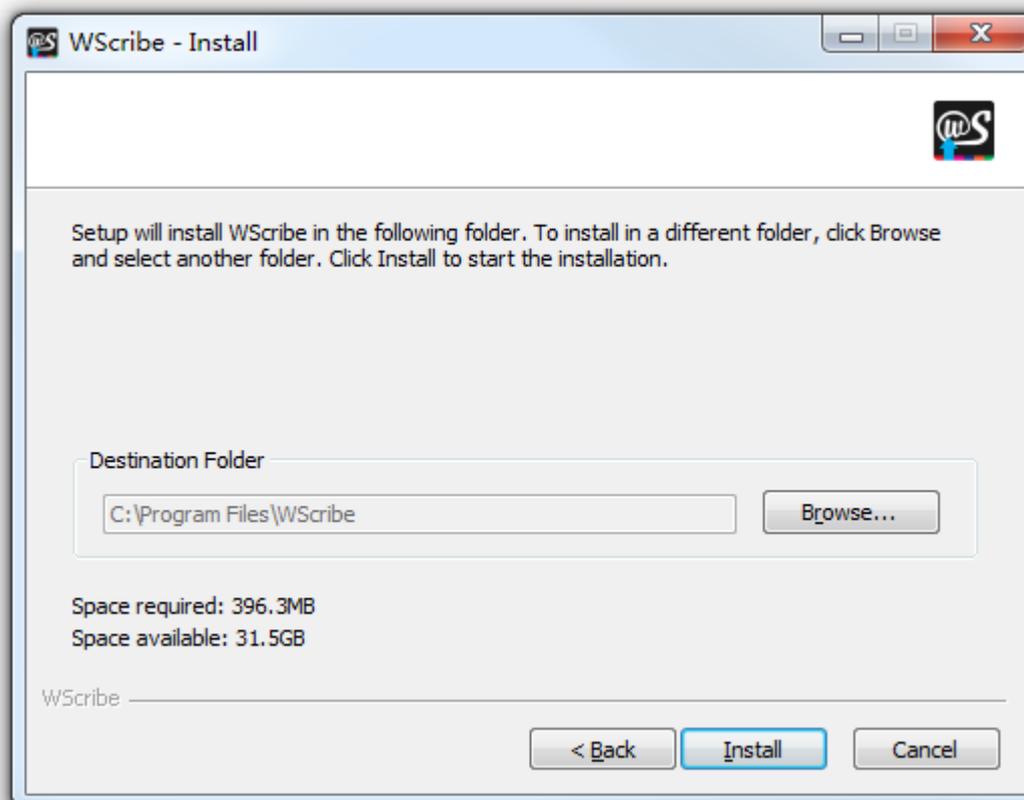


Figure 2-2-3 Installation Path Selection

Click “Install” to enter to the install interface, as shown in Figure 2-2-4. If you have not installed Microsoft .Net Framework4.0 and Flash Player, you should silent installation .Net Framework4.0 and Flash Player.

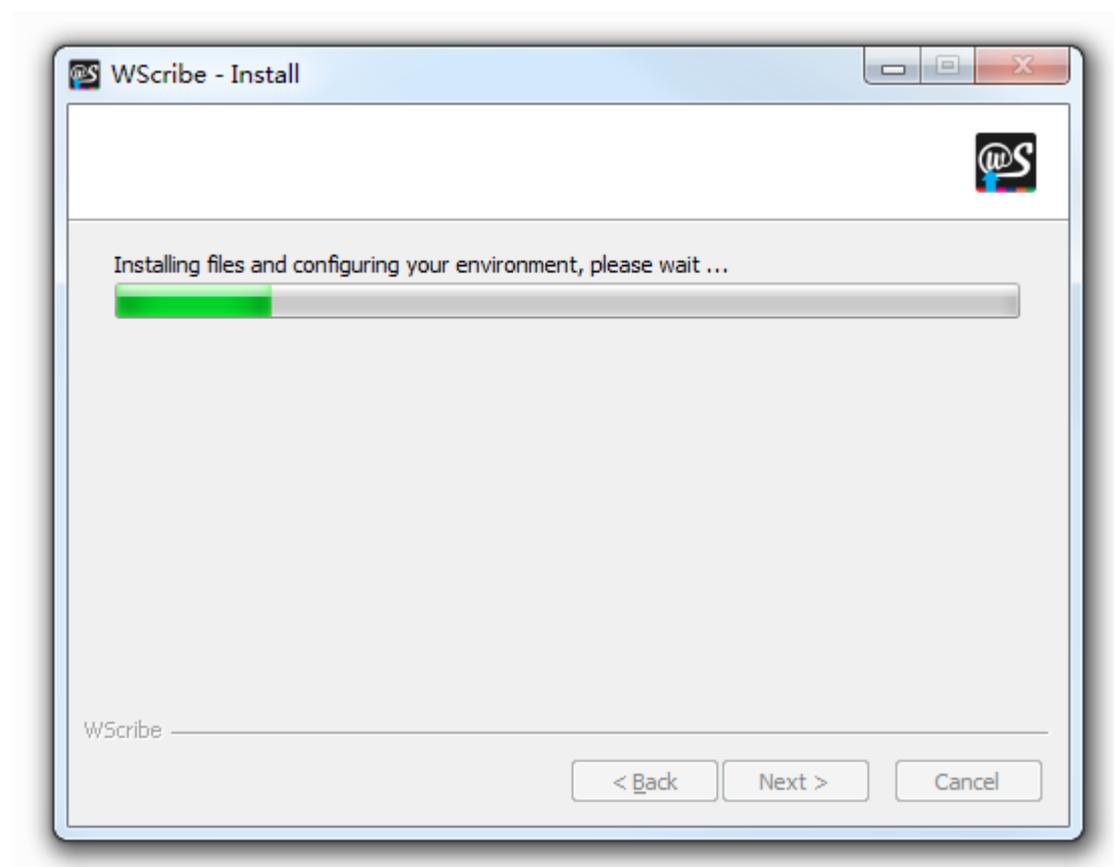


Fig.2-2-4 Install software

In the Installation Finish screen as shown in Figure 2-2-5, click Finish to finish the installation.

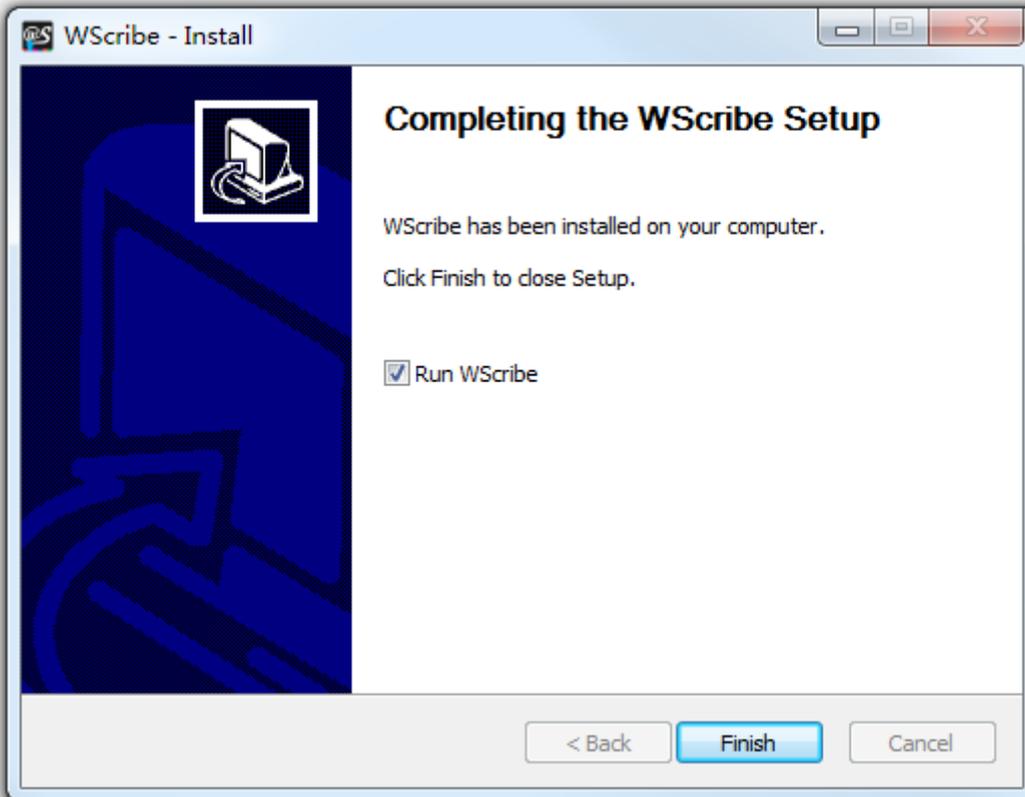


Figure 2-2-5 Finish Installation

3. Use Introduction



After software installation is completed, double-click  icon on the desktop or select Wscribe in drop-down list of "All programs" in the "Start" menu, to start Wscribe application software.

If software is unregistered, registration information will be displayed on the up left of software page and part of the functions cannot be used.

- (1) It can't use hard pen, highlighter, and writing brush to write;
- (2) Files cannot be saved as *.pdf, *.ppt, *.doc, *.jpg format files;
- (3) Handwriting recognition function can't be used feature.

3.1 Functions of Each Modes

WScribe application software includes standard mode, concise mode and desktop mode, open software to enter standard mode by default.

In software interface, press long or right click mouse top of software interface, it can pop up auxiliary tool bar. Auxiliary tools, from left to right, are: screen brightness control, software name, date, as shown in Figure.3-1. Drag screen brightness scroll bar to adjust screen brightness.

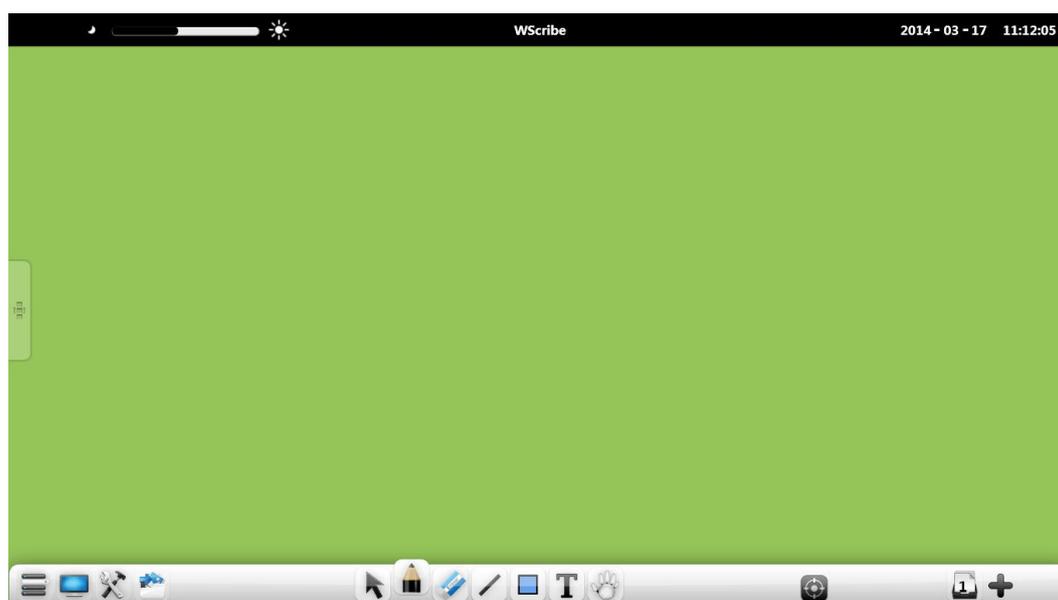


Figure.3-1 Auxiliary Tool Bar

3.1.1 Standard Mode

In standard mode, the toolbar cannot be to dragged, with toolbar functions from left to right are: menu, switch to desktop mode, tools, repository, selection, writing, eraser, line, image, text, screen roaming (zooming in and out), cutting, copy, paste, roaming navigation, undo, redo, previous page, page thumbnail, adding page, next page, as shown in Figure.3-1-1. (Note: there are cutting and copy buttons only when objects are selected; there is paste button only after cutting and copy operation; there is undo button only when there is object operation; there is redo button only after undo operation; there are previous page and turning buttons only when there are more than one pages.)

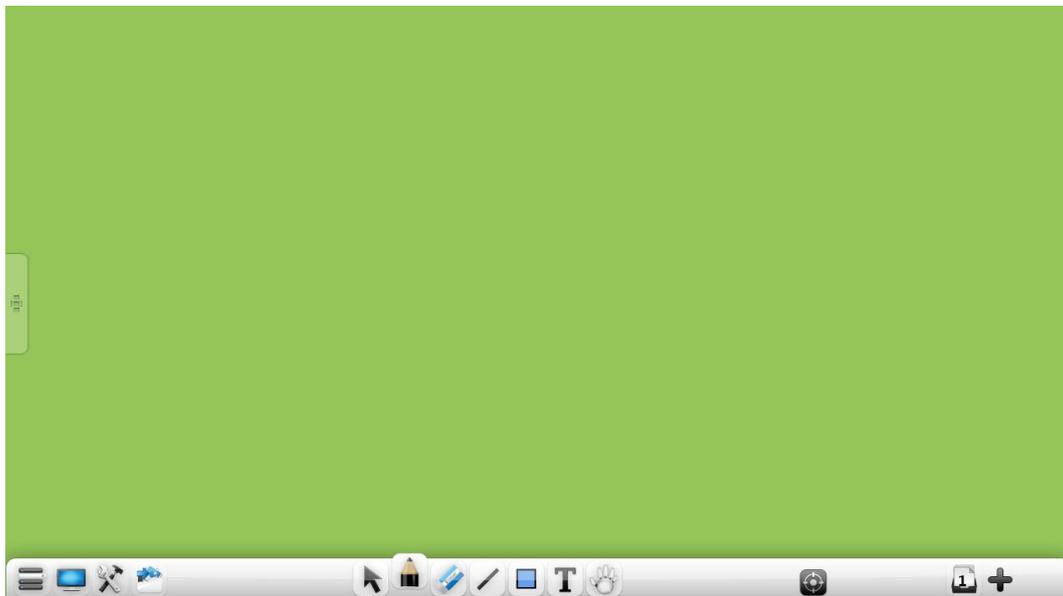


Figure.3-1-1 Standard Mode Interface

3.1.1.1 Menu



Click  and it will pop up drop-down menu as shown in Figure.3-1-1-1-1. Drop-down menu provides users with function options such as new file, open, insert, save, save as, import, export, as well as setting, help (selected help in default menu), and exit software.

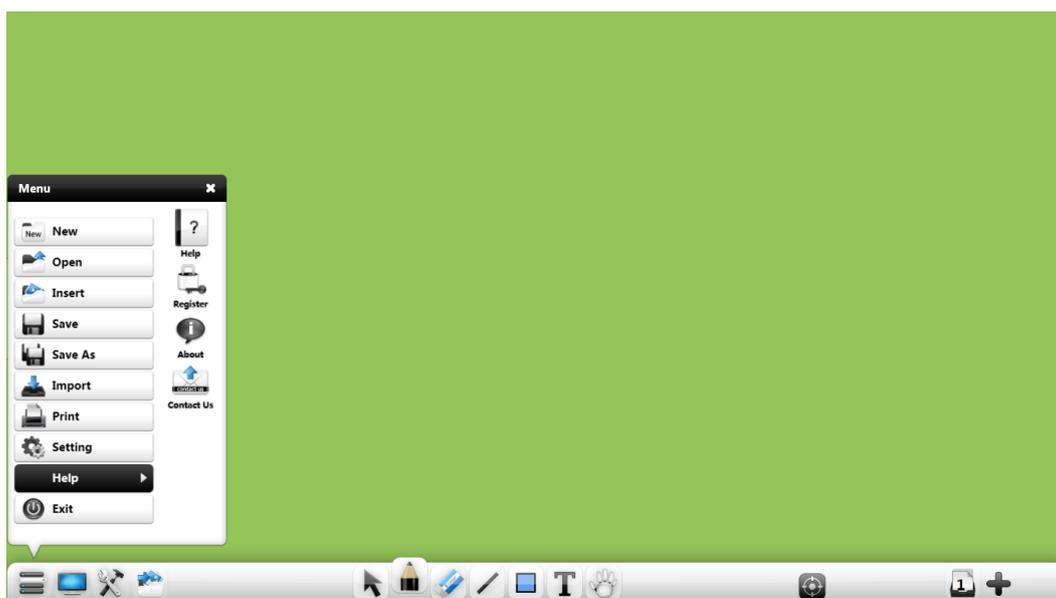


Figure.3-1-1-1 Start Menu

(1) New

Click  icon to create a new blank file, each file can include many pages based on user's needs.

(2) Open

Click  icon to open .enb format file by software default. After file is opened, it will automatically jump to scene page when saving the file.

(3) Insert

Click  icon to insert *.enb format, pdf documents, image, Flash, audio and video files, into current page. Among them, inserted pdf document is icon link form, double click icon to open pdf documents. If current audio and video format cannot be analyzed, it will prompt the user to install k-lite decoder, which is supplied with software, click "OK" on pop-up prompt window to install the decoder.

(4) Save

Click  icon to save current document as software supported .enb format

file by default.

(5) Save as

Click  icon to save current document as *.enb, *.jpg, word, ppt, and pdf files.

(6) Import

Click  icon to import word, ppt, excel and image into software page, with the import process having a progress bar prompt, among them, ppt, word, and excel files can only open one file at once. When opening the second file, it will pop up message that cannot open the file. After importing is completed, under Windows 7 system, the imported office document type will be opened in office mode, and can conduct office-based operations, such as editing, notation, erasing notation, save, and presentation, as shown in Figure.3-1-1-3-1-1 for ppt operation, word and excel is similar; Under XP system, imported office type is inserted image form.

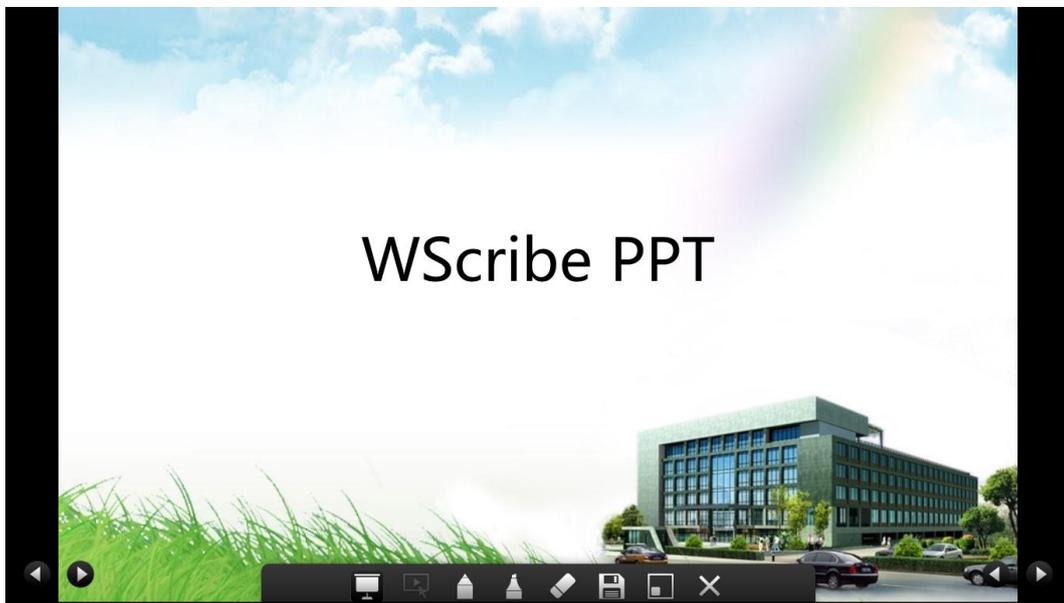


Figure.3-1-1-1-2-1 Import PPT Demo Mode

- Click  to switch to stop play and replay (playing can only start from the first PPT each time by default; when stopping playing, user can edit PPT), the button appears only in presentation mode. In PPT mode, it will

automatically playing demo mode after successful importing, with toolbar hidden at the same time, displaying navigation button   on both sides and transparent button at the bottom. At this time, clicking with mouse can only operate play of audio and video, as well as hyperlinks on a page; page up and down can be realized by navigation button or sliding gestures. Word and excel mode have no page up and down navigation buttons.

- Click  to enter play demo mode, and this button only appears in the mode of starting notation pen writing;
- Click  to enable hard-pen notation, the default color is red, and handwriting is fine. User can adjust handwriting thickness according to need, but the handwriting coarse adjustment shall be in accordance with highlighter; at the same time, it can choose different colors according to need, there are 7 kinds of color that can be selected;
- Click  to enable fluorescence pen notation, the default color is red, and handwriting is fine. User can adjust handwriting thickness according to need, but the handwriting coarse adjustment shall be in accordance with hard pen; at the same time, it can choose different colors according to need, there are 7 kinds of color that can be selected;
- Click  to select the eraser, default eraser is point wipe.
- Click  for the first time to save edited and modified file, then click the button to save the document on the path that is saved for the first time;
- Click  to switch into office file model, and narrow the file to W

Scribe toolbar in the form of thumbnail. Click thumbnail icon , to pop up thumbnail that is opened. Click the document to return to office document mode interface, as shown in Figure.3-1-1-1-2-2;

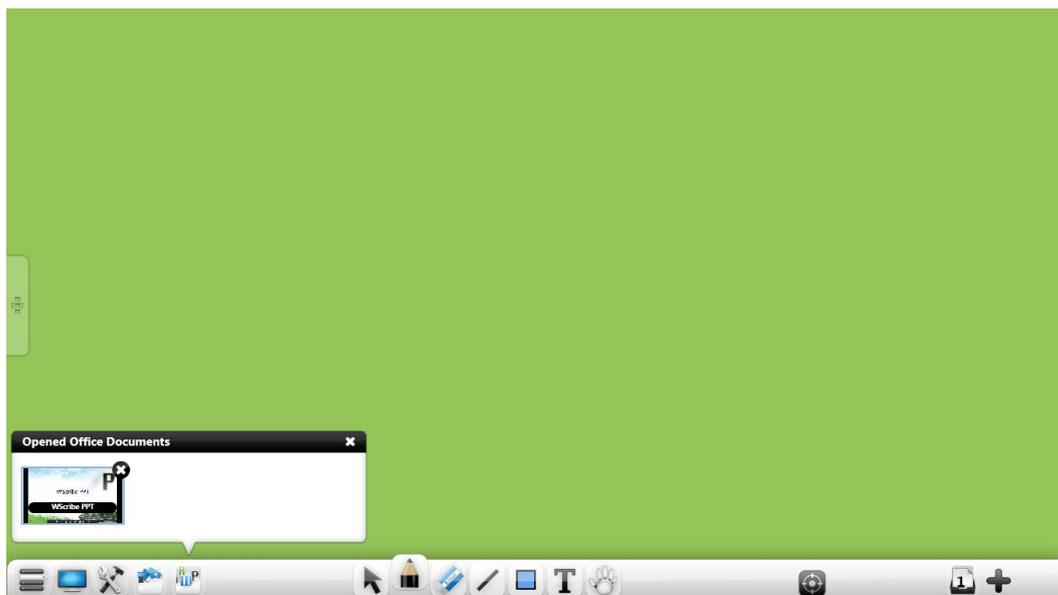


Figure.3-1-1-2-2 Office File Thumbnail

- Click  to exit PPT mode, and go back to Wscribe interface.

(7) Print

Click  icon to print the current document. System will pop up the dialog box as shown in Figure.3-1-1-3 (For different users operating systems or different printer models, interface might be different).

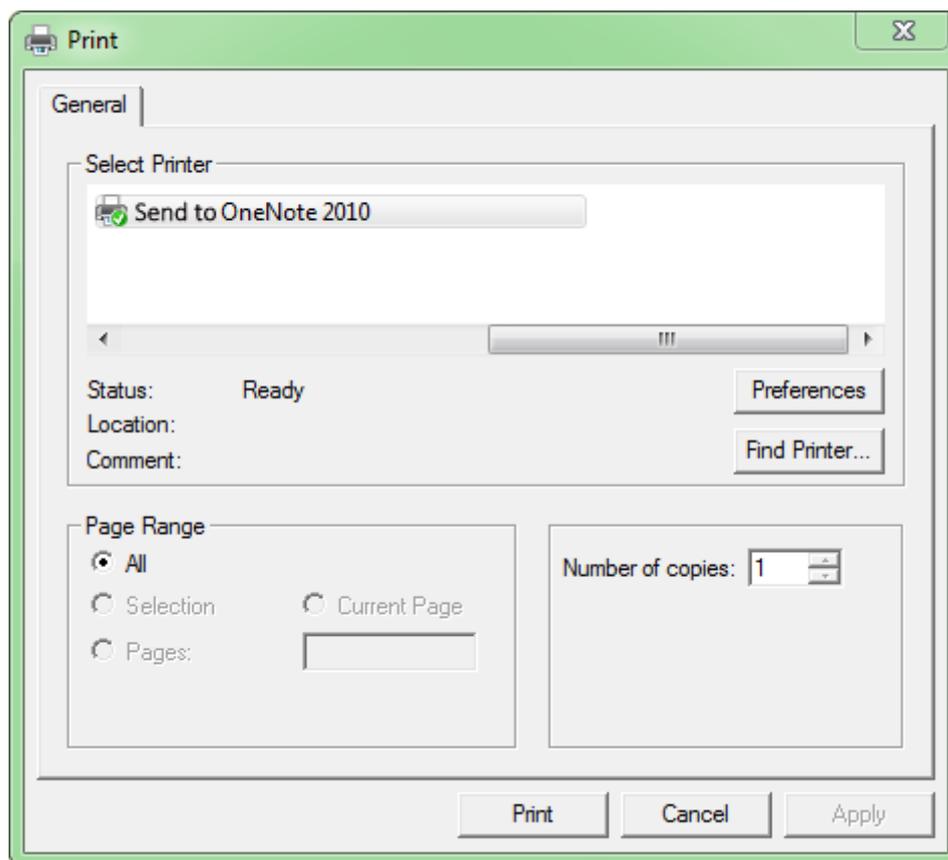


Figure.3-1-1-1-3 Printing Setting

(8) Setting



Click  icon to open software settings window. The window includes language selection, speech speed, whether file is automatically saved, default text font and size, default drawing color, default filling color, whether to show handwriting recognition toolbar, whether to open gesture selection function, whether to open software automatic update function, and whether to display text description. As shown in Figure.3-1-1-1-4-1, user can set according to need, default color settings items need to re-open software to be effective after setting, with other items take effect immediately after setting.



Figure.3-1-1-1-4-1 Setting Interface

- **Language.** Click language drop-down box, and it can switch software display languages, including 3 kinds of languages as Chinese, English, and traditional Chinese, the default language is the language selected when installing the software;
- **Voice speed.** Click voice speed drop-down box, to switch reading speed, including 5 kinds of speed such as extremely slow, very slow, slow, normal, quick, the default is slow;
- **Automatically save the file.** Check this option to set current file automatically saving, and at the same time, you can choose file automatic saving place in the address bar;
- **Default text font.** Click default font drop-down box, when selecting text editing, font and font size are default, the default font is song typeface, and font size to 40;

- Display handwriting recognition toolbar. Check this option, in text handwriting recognition, it can synchronously display identification toolbar, which can manually choose text after identification;
- Open gesture selection function. Check this option to open gesture selection function, and at the same time, to close the two-point writing function. No such function under XP system.

Two point selection. Choose by two points in diagonal form handwriting, lines, image, picture, audio and video, text and other objects, the object can be selected immediately, and the selected objects can be moved, scaled, and rotated;

- Open software automatic update. Check this option to open software automatic update. When currently there is a higher version of the software, opening the software updates will automatically pop-up prompt window, the user can update the software according to need;

- Default drawing color. Click  button to pop up drawing color selection window, which can set handwriting, lines, image frame default color, with total 42 kinds of colors, as shown in Figure.3-1-1-1-4-2;

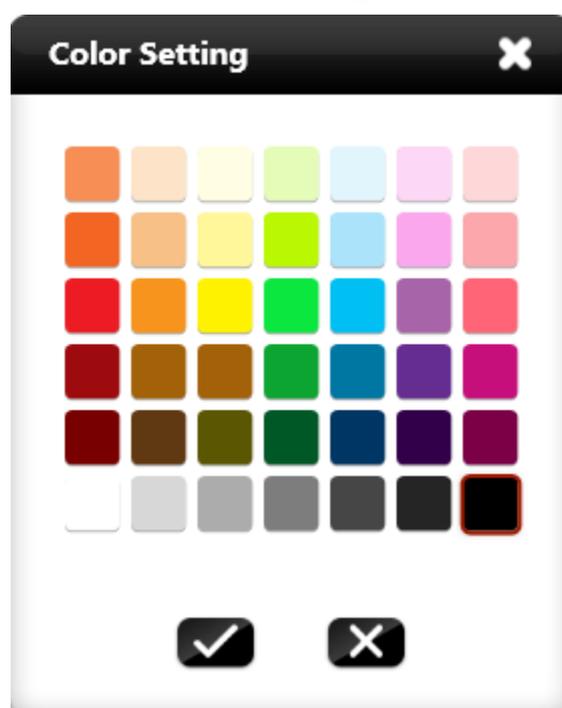


Figure.3-1-1-1-4-2 Default Drawing Color Selection

- Default filling color. Click  button to pop up filling color selection window, to set image frame default filling color, with total of 42 kinds of colors and default values, default filling color is default, as shown in Figure.3-1-1-1-4-3;

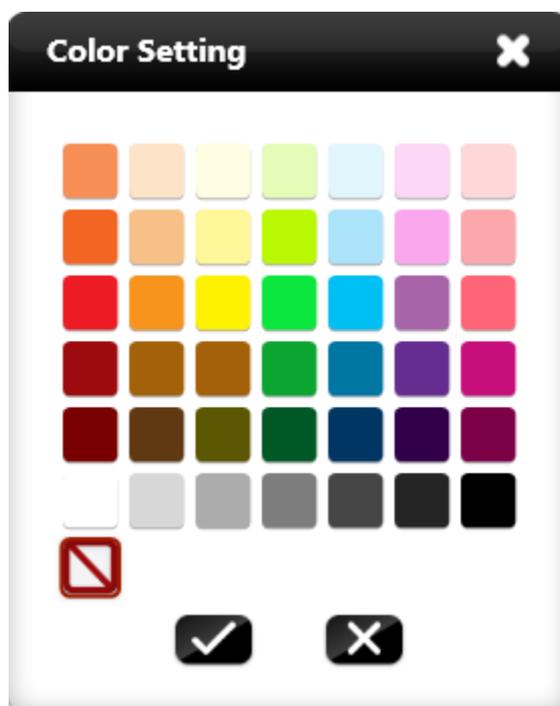


Figure.3-1-1-1-4-3 Default Filling Color Selection

(9) Help

Click  icon to popup lower-level menu, including use instructions, online registration, online upgrade, about, and contact us.

- Click  icon to pop up software specification of Flash version, as shown in Figure.3-1-1-1-5.

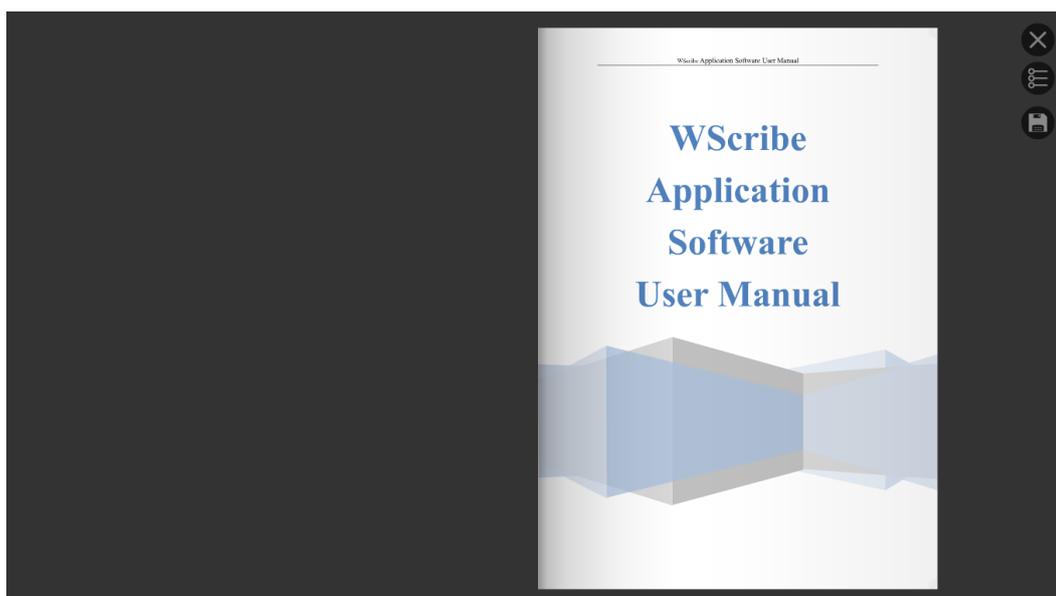


Figure.3-1-1-1-5 Flash Specification Interface

- Click  icon to register the software.
- ① If software is not registered, it will pop up trial day's window, as shown in Figure.3-1-1-1-6-1, click  to enter registration interface, click  to cancel registration, and return to software interface.

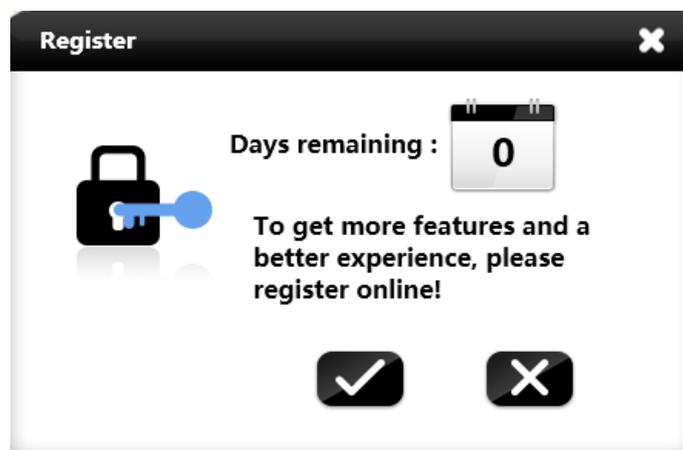


Figure.3-1-1-1-6-1 Trial Days Prompt Interface

Confirm registration to pop up registration code input interface, and at the same time, pop up keyboard for user to input password, as shown in Figure.3-1-1-1-6-2. Normally, the software needs to register online.

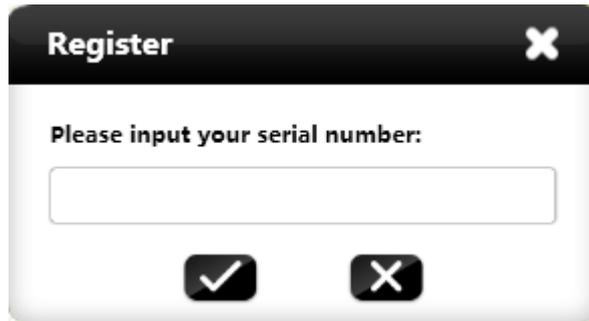


Figure.3-1-1-1-6-2 Enter Authorization Code Interface

After enter registration code, click  to enter network authentication interface, as shown in Figure.3-1-1-1-6-1; Click  to cancel registration, and return to software interface.

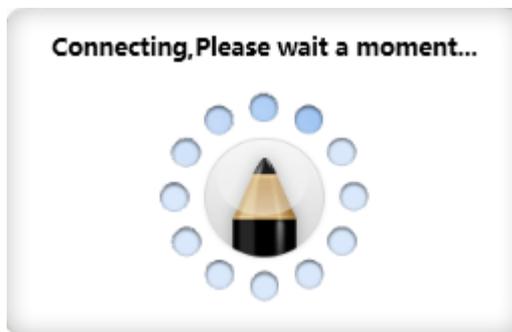


Figure.3-1-1-1-6-3 Network Authentication Interface

In case of registration code input errors, it will pop up interface as shown in Figure.3-1-1-1-6-4.

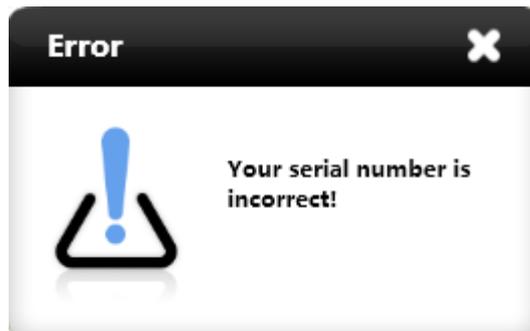


Figure.3-1-1-1-6-4 Registration Code Error

In case of correct registration code input, it will pop up interface as shown in Figure.3-1-1-1-6-5.



Figure.3-1-1-7 About Information

- Click  icon, to pop up interface as shown in Figure.3-1-1-8.

Click  to input text editing email content, click  to send E-mail to contract software R&D personnel.



Figure.3-1-1-1-8 Contract Us Interface

(10) Exit

Click  icon to exit and close WScript application software. If there are files that are not saved when exiting the software, the system will remind user whether to save, as shown in Figure.3-1-1-1-9. Click  to save the file and click  to exit the software directly.



Figure.3-1-1-1-9 Save or Not Prompt Dialog Box

3.1.1.2 Switch to Desktop Mode

Click  to switch to desktop mode, see [3.1.3 Desktop Mode](#) for details.

3.1.1.3 Tools

Click  to pop up kit page, including theme, discipline, small tools (standard mode by default), as shown in Figure.3-1-1-3-1. After switching subject scenes, open tools to enter discipline interface corresponding to current subject scene by default.

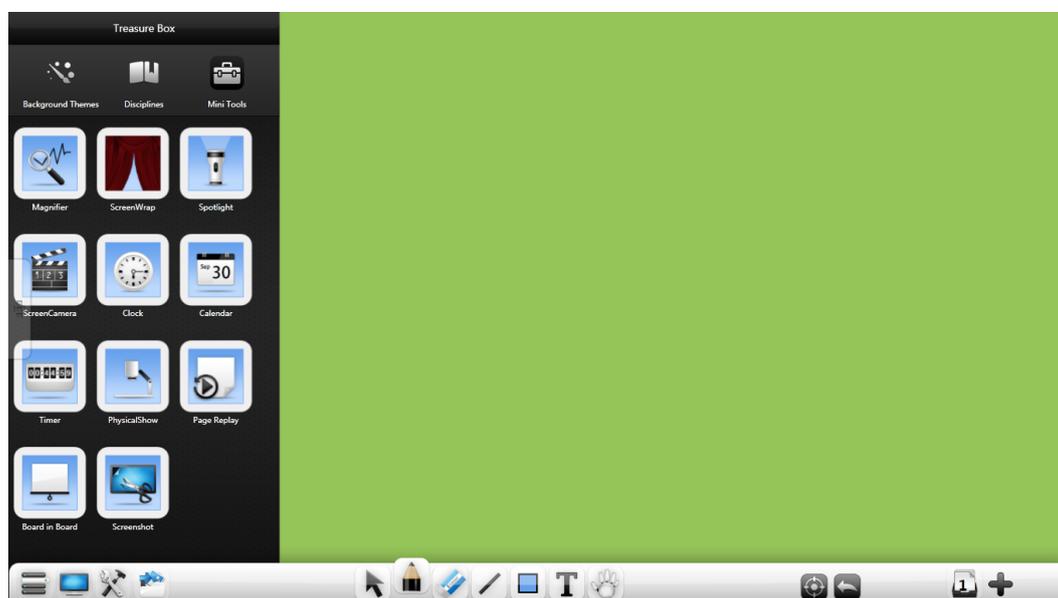


Figure.3-1-1-3-1 Kit Page

(1) Theme

Click theme and the user can choose solid color box shading, spots background, teaching template, grain etc. according to need, as shown in Figure.3-1-1-3-2.

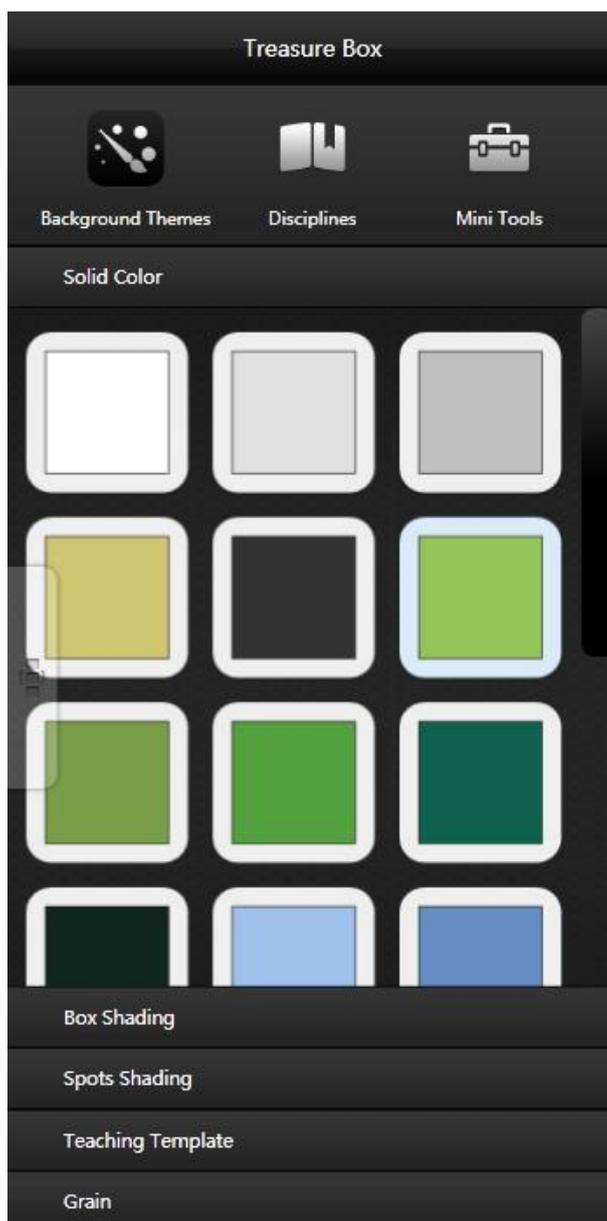


Figure.3-1-1-3-2 Theme Interface

(2) Disciplines

Click discipline, and user can choose and use corresponding auxiliary teaching tool according to current teaching scene, including, Math and Physics, as shown in Figure.3-1-1-3-3.

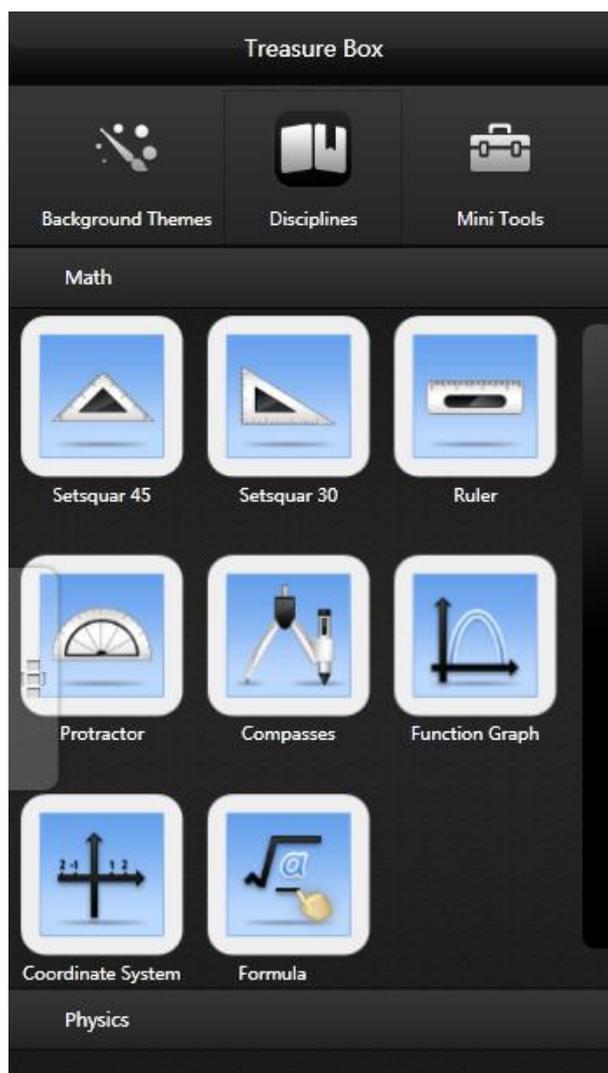


Figure.3-1-1-3-3 Small Tool Interface

(2.1) Math

- 45 set square. Click  to open 45 set square tool, which can draw lines, stretch, and rotate. Click scale, and drag along increase or decrease scale direction to draw straight lines. In the middle of the ruler, icon  will show segment length of the line drawn, as shown in Figure 3-1-1-3-4.

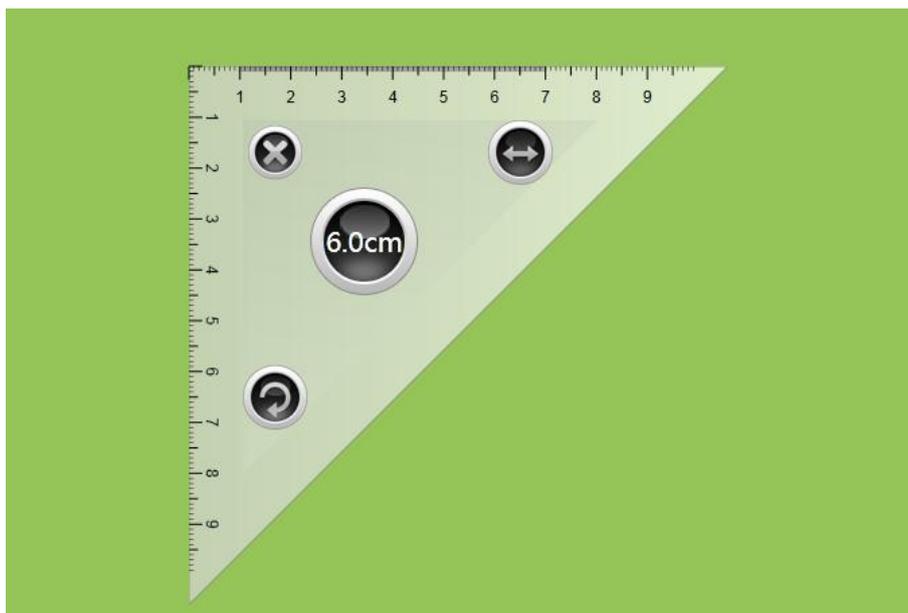


Figure.3-1-1-3-4 Set Square Setting-out

- 30° set square. Click  to open 30° set square tool, which can draw lines, stretch, and rotate. Drawing operation is the same to 45° set square.
- Ruler. Click  to open ruler tool, which can draw lines, stretch, and rotate. Drawing operation is the same to 45° set square.
- Protractor. Click  to open protractor tool, which can rotate, and measure angle with the cursor. Pull the two cursors to align with the angle edge, and protractor will automatically display angle, as shown in Figure.3-1-1-3-5-1.

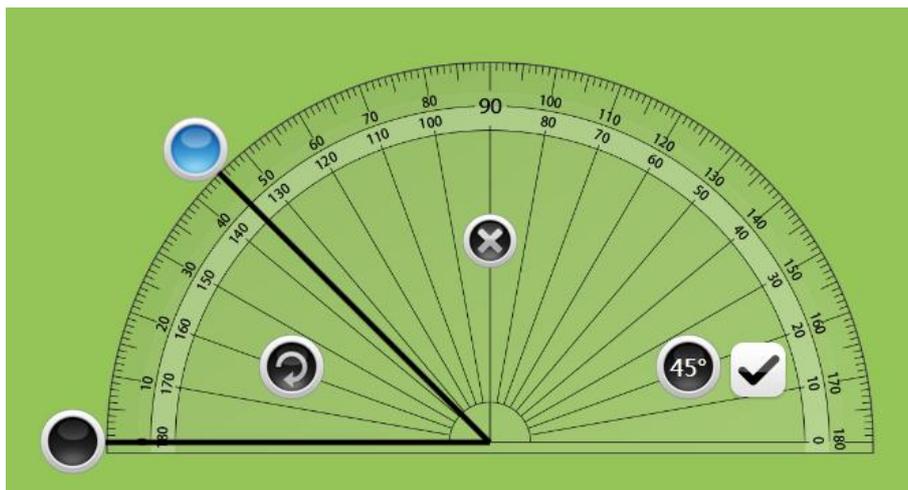


Figure.3-1-1-3-5-1 Protractor Measures Angle

Pull cursor to a certain point of angle, click  confirmation button, to insert cursor angle in the page, as shown in Figure.3-1-1-3-5-2, if the angle between cursors is 0 °, no angle is drawn by default.

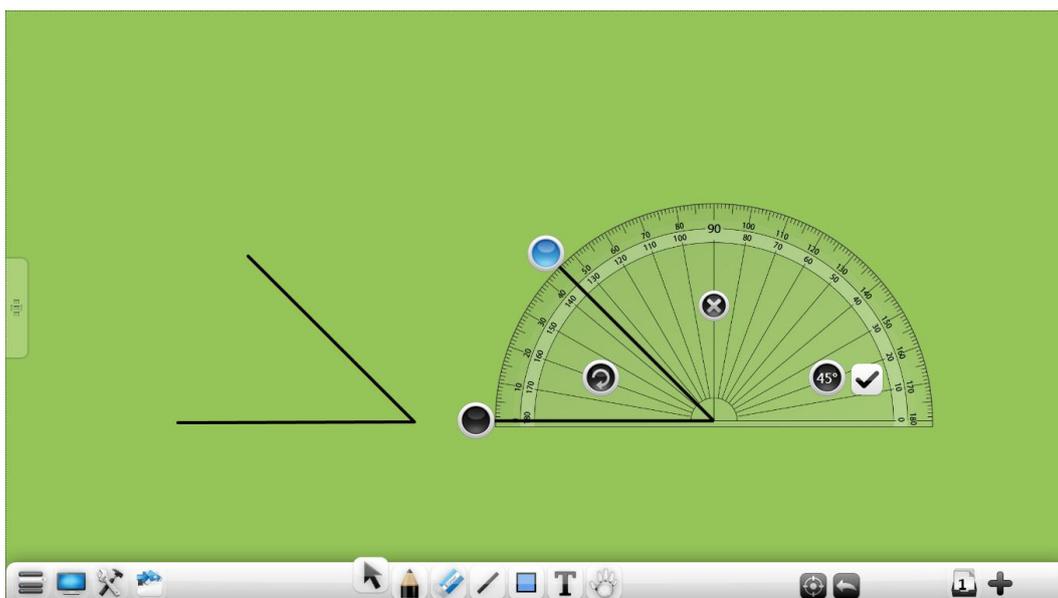


Figure.3-1-1-3-5-2 Protractor Draws Angle

- Compass. Click  to open compass tool, which can move, rotate, adjust radius, and draw circle and arc lines. Drag the compass feet  to adjust radius of circle, and at the same time display current radius length; drag the compass pen to draw circles, as shown in Figure.3-1-1-3-6.

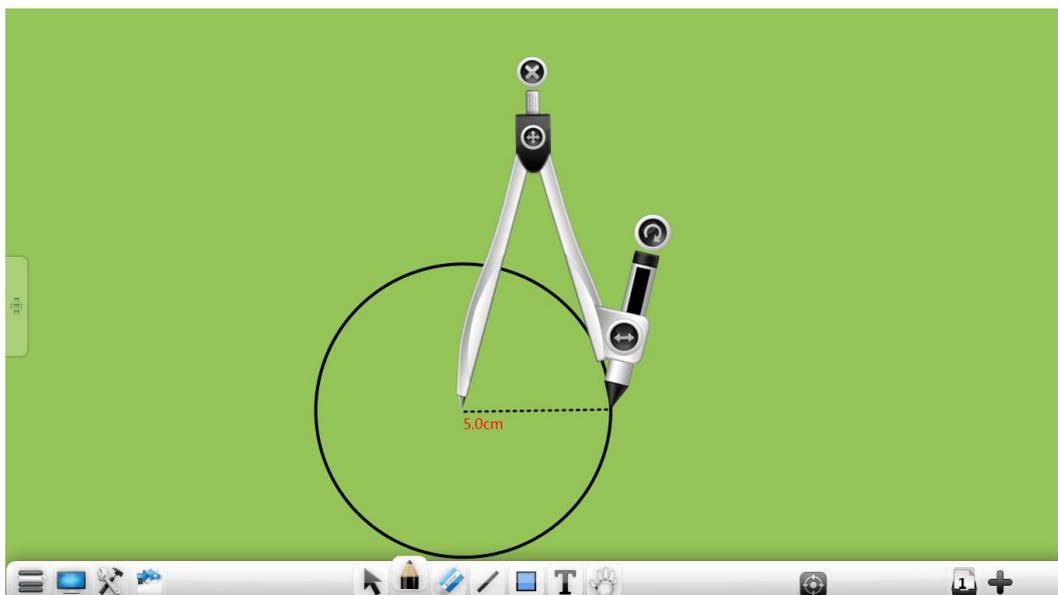


Figure.3-1-1-3-6 Compass Image Drawing

- Mathematical function graph drawing. Click  to open mathematical function graph drawing tool, which can draw mathematical function graph, as shown in Figure.3-1-1-3-7-1.

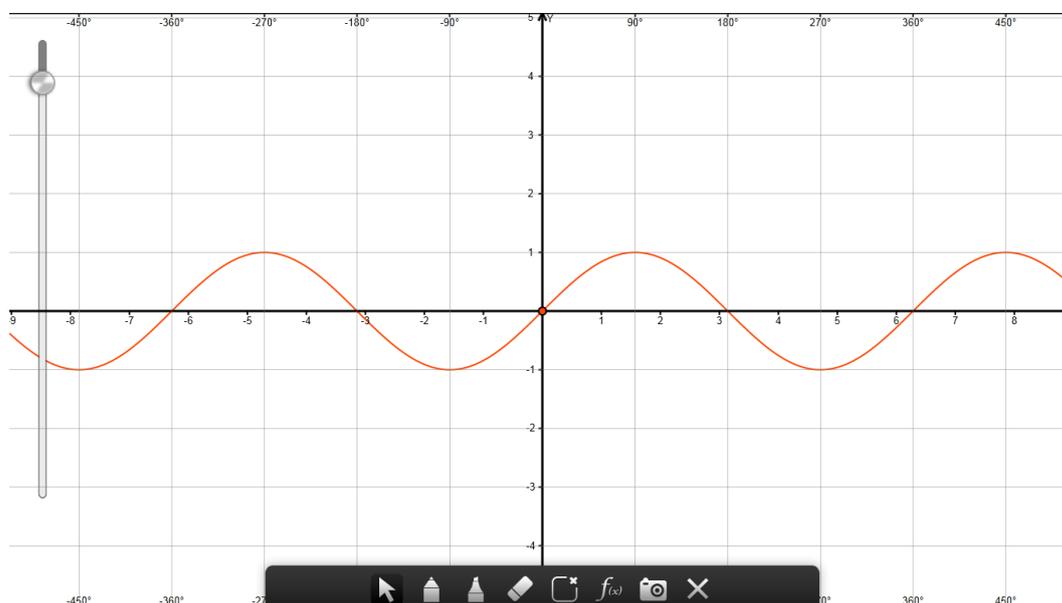


Figure.3-1-1-3-7-1 Function Graph Drawing

- Click  to move number axis;
- Click  or  to make demonstrate notation for current function graph;

- Click  to erase notation handwriting;
- Click  to clear the current page function graph;
- Click  to pop up mathematical function editor, enter senior function mode by default, as shown in Figure.3-1-1-3-7-2.

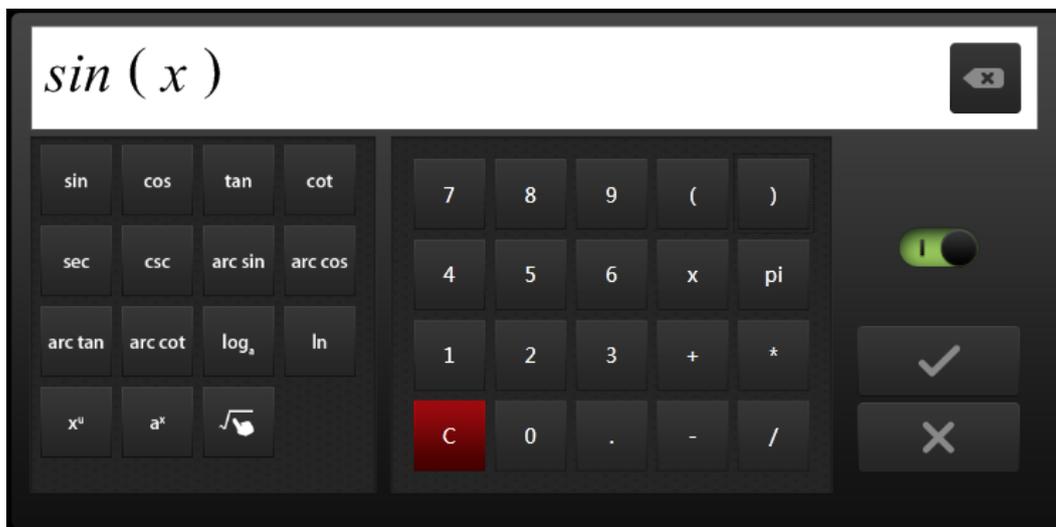


Figure.3-1-1-3-7-2 Mathematical Function Editor - Advanced Mode

- ① Input corresponding function keys and parameters, click  to complete function editing, with the corresponding function graph automatically display on number axel;
- ② Click  to insert handwriting recognition formula, with use method similar to mathematical formula recognition;
- ③ Drag  to the left to switch to primary function mode, as shown in Figure.3-1-1-3-7-3. In this mode, it can directly choose corresponding simple function.



Figure.3-1-1-3-7-3 Mathematical Function Editor - Primary Mode

Click  to insert current function graph into the page, and demonstrate the function graph;

Click  to close the current function graph drawing tools.

- Mathematics coordinate system. Click  to open mathematics tool coordinate system, pop-up settings window as shown in Figure.3-1-1-3-8-1. User can choose plane coordinate system or 3D coordinate system according to need.

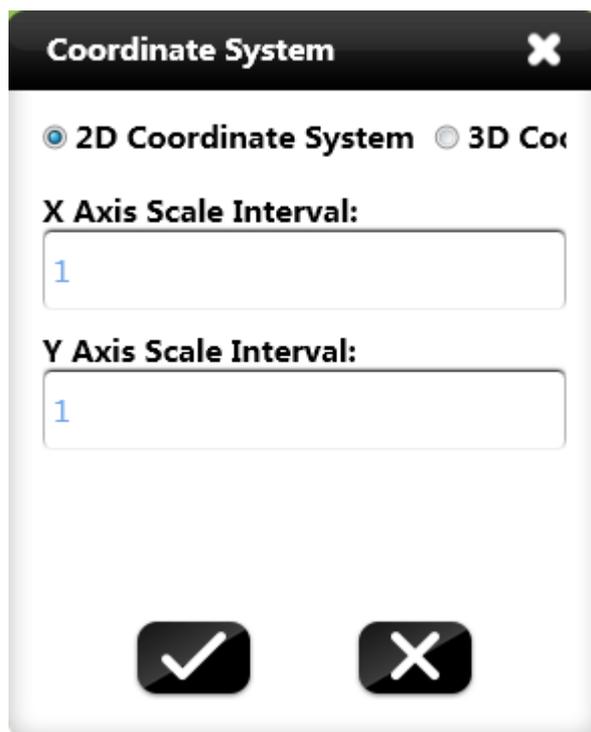


Figure.3-1-1-3-8-1 Mathematics Coordinate System Parameter Settings

After setting completion, it can insert mathematical coordinates into whiteboard page, as shown in Figure.3-1-1-3-8-2.

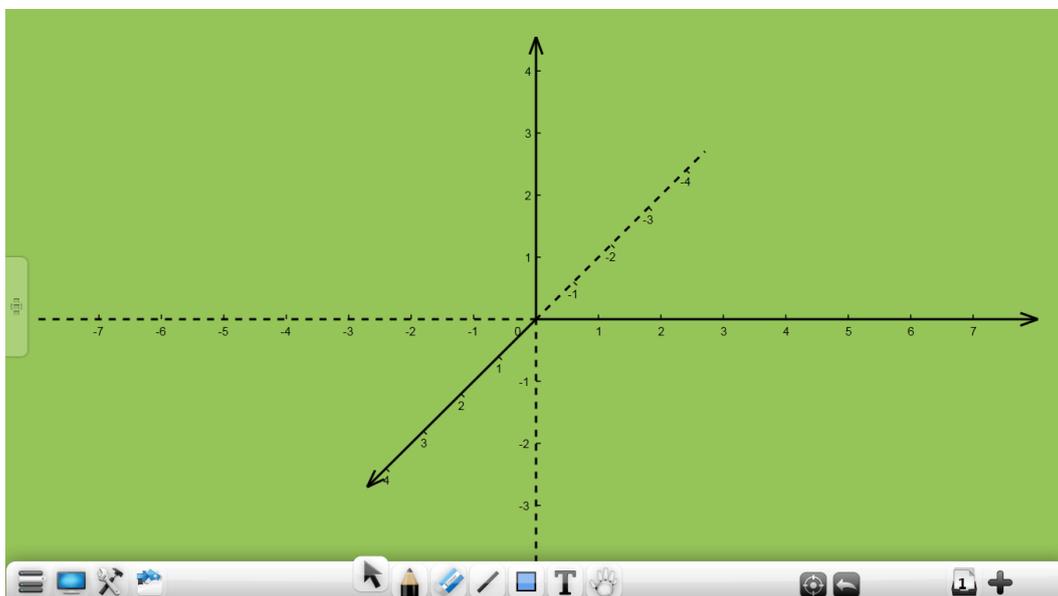


Figure.3-1-1-3-8-2 Mathematics Coordinate System

- Mathematical formula recognition. Click  to open mathematical formula recognition tool, which can recognize handwriting mathematical formulae, as shown in Figure.3-1-1-3-9. After handwriting required formula,

the system will automatically identify formula. If the formula does not conform, it can manually select in cycle to make correction. Click "Insert" button, to insert identified formula into the current page.

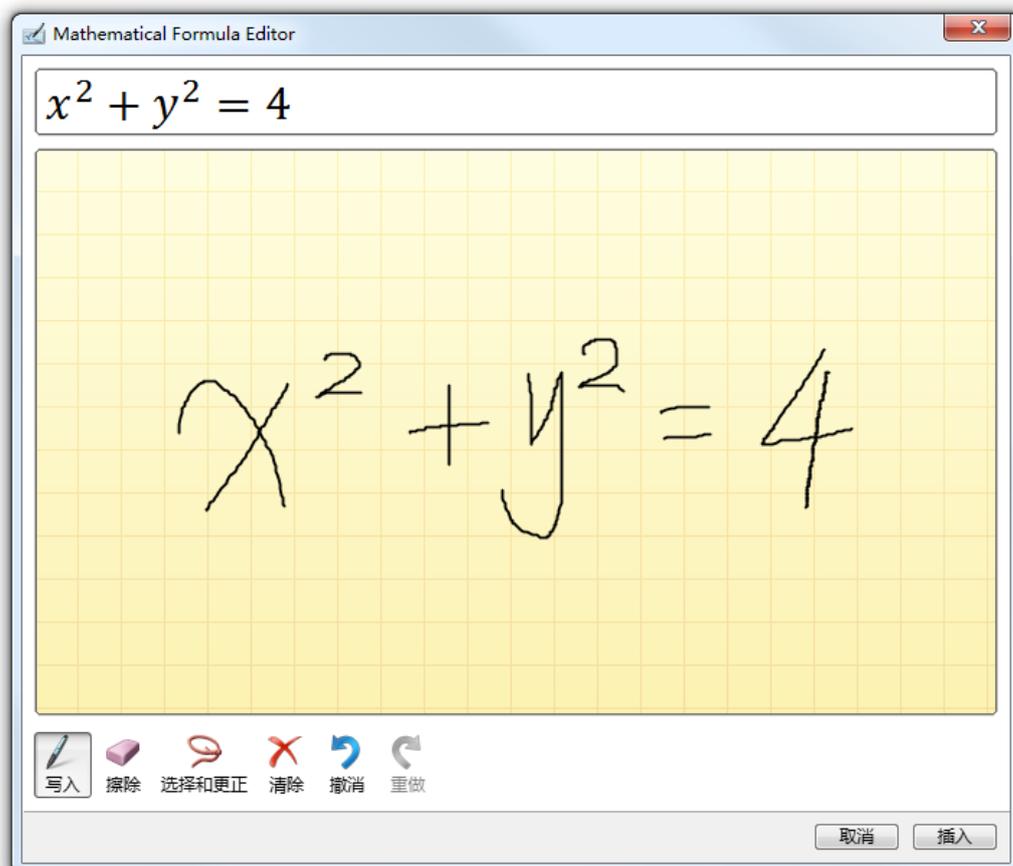


Figure.3-1-1-3-9 Formulae Handwriting Recognition

(2.2) Physics

- Click  icon to enter physical force mode, which can directly draw lines to constitute physical component forces on white board. When two or more component forces are drawn, it will automatically generate resultant force, as shown in Figure.3-1-1-3-10.

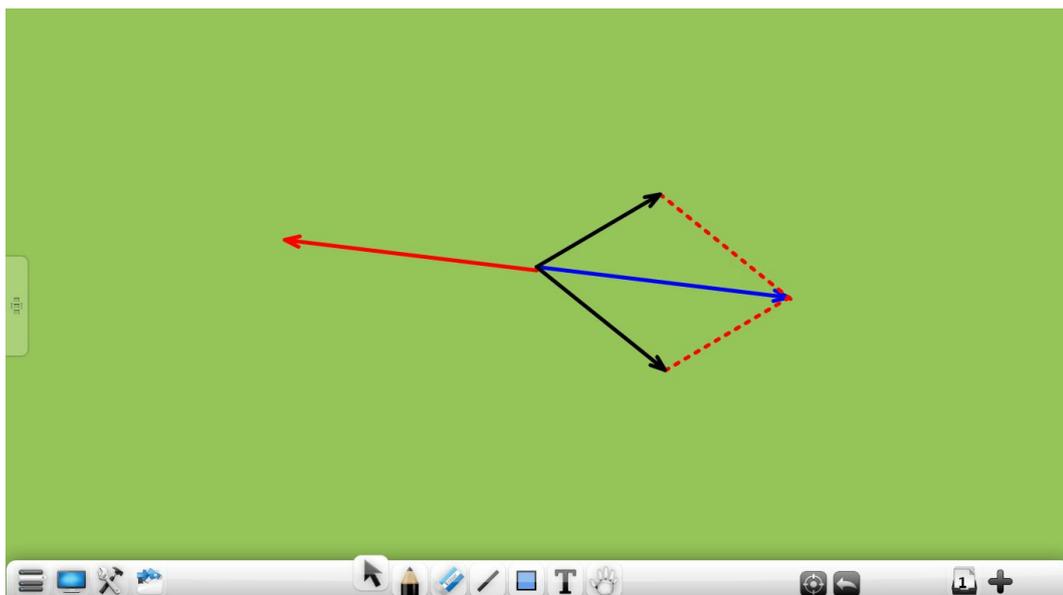


Figure.3-1-1-3-10 Physical Resultant Force

(3) Small Tools

- 
 Click  icon to open magnifying glass, as shown in Figure.3-1-1-3-11. Click certain point within magnifying glass to drag to move it to enlarged area, drag amplification area edge of magnifying glass to adjust magnified area, click the right  setting button to drag setting zooming ratio.

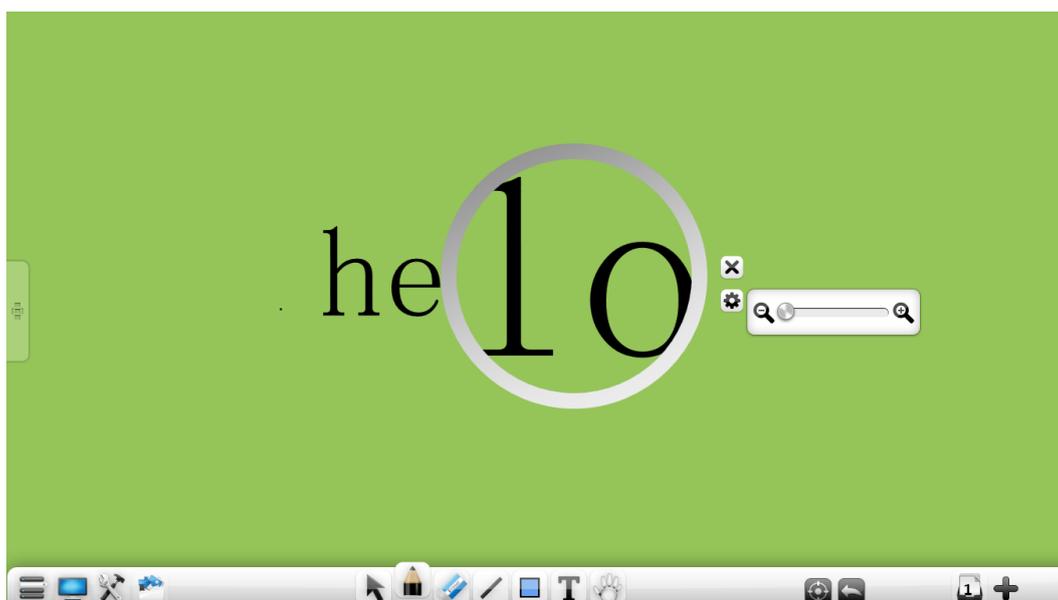


Figure.3-1-1-3-11 Magnifying Glass

- Click  icon to open veil tools, as shown in Figure.3-1-1-3-12. Veil tools can be used for covering page contents that are temporarily not displayed, and the user can adjust blocking position by dragging veil layer. When the curtain is moved or rectangle is specified, it will appear  icon, and clicking this icon will reset curtain full screen; Click  to customize curtain, and fill current inserted image. If the current page has no inserted image, it is default screen; Click  to select local image as the curtain.



Figure.3-1-1-3-12 Veil Interface

- Click  icon to open spotlight, as shown in Figure.3-1-1-3-13. Spotlight can be used to shift focus of the audience to emphasized position. Spotlight area is circular, drag the black area can move position of the spotlights emphasized, click edge of spotlights to adjust its scope. Click  to change spotlight area into rectangular area, and click  to change spotlight scope back into circular area.

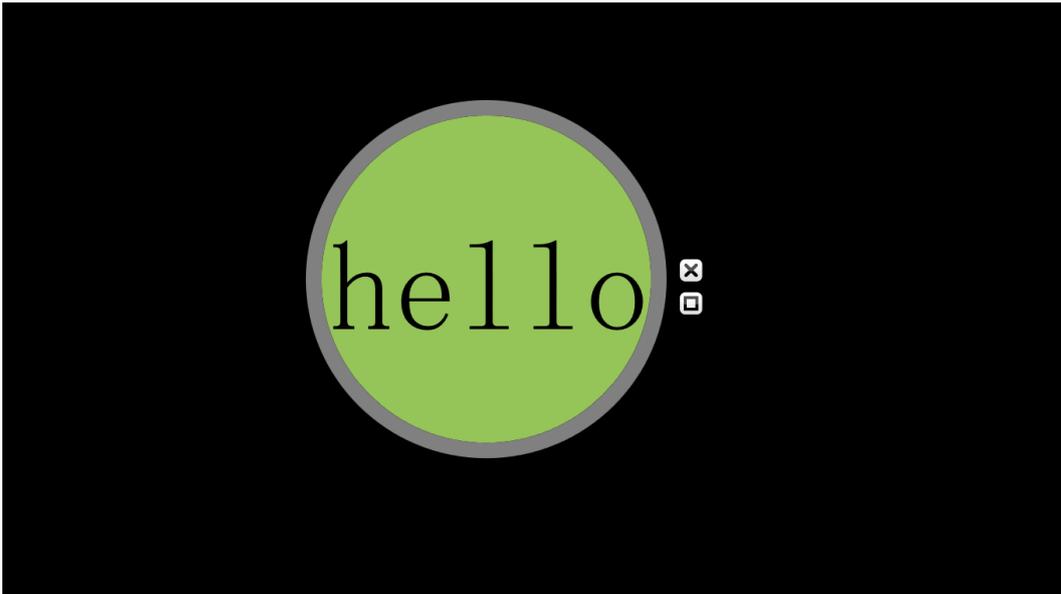


Figure. 3-1-1-3-13 Spotlight Interface

- Click  button to open screen recording tools, with screen recording toolbar shown in Figure. 3-1-1-3-14. Buttons from left to right are start/stop, play, save and close buttons. Recorded video is saved as wmv format, directly click play button to play video files that are just recorded after saved.



Figure.3-1-1-3-14 Screen Recorder

- Click  button to open the clock, as shown in Figure.3-1-1-3-15.



Figure.3-1-1-3-15 Clock

- Click  button to open calendar. It displays current date and week by default, as shown in Figure.3-1-1-3-16-1.

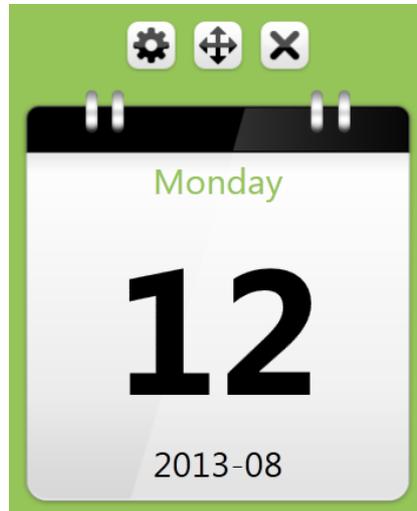


Figure.3-1-1-3-16-1 Default Calendar

- Click  button to view calendar view as shown in Figure.3-1-1-3-16-1. Click left and right buttons to view date up and down. Click year and month position to quickly view other year, month and date.



Figure.3-1-1-3-16-2 Calendar View

- Click  button to open the timer, as shown in Figure.3-1-1-3-17. By default, the timer number starts from 00:00:00, and click  to set

countdown time. After setting up, click  again to save and exit the setting.

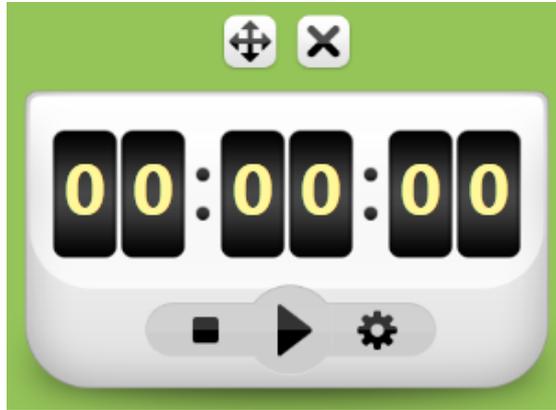


Figure.3-1-1-3-17 Timer

- Click  button to open physical booth, which can realize display, lock screen, rotate 90 left and right, full screen, return to actual size, screenshot, scaling, movement, notation, return, and shut down operations, as shown in Figure.3-1-1-3-18.

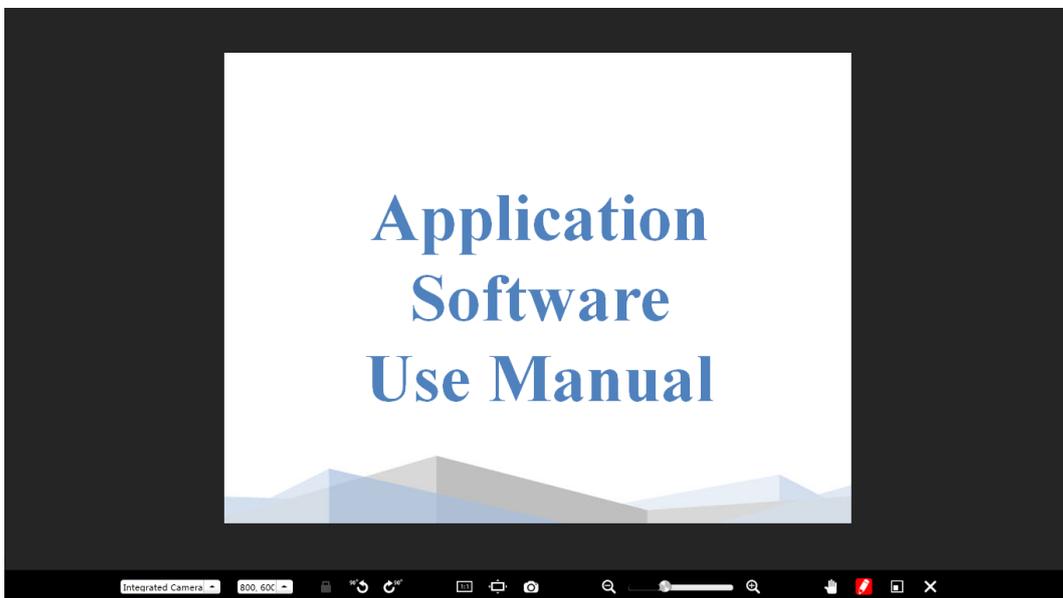


Figure.3-1-1-3-18 Physical Booth

- ① Click  to lock up current displaying object of physical booth, and move physical objects. The displayed objects will be locked without any change, click again to unlock;

- ② Click  to counterclockwise rotate the object 90 °;
 - ③ Click  to clockwise rotate the object by 90 °;
 - ④ Click  to display object in actual ratio;
 - ⑤ Click  to display object in full screen;
 - ⑥ Click  to shot current object into image and demonstrate in software interface. The picture after shooting will be automatically uploaded to software page. If you need to continue to use physical booth, it needs to re-open the small tools;
 - ⑦ Click  to zoom current displayed objects;
 - ⑧ Click  to select image operating mode, which can move current displayed objects;
 - ⑨ Click  to select notation mode, which can make comments on current displayed object, click to switch notation pen colors, including red, green, and blue;
 - ⑩ Click  to return to standard mode;
 - ⑪ Click  to close physical booth tools.
- Click  button to conduct page playback, as shown in Figure.3-1-1-3-19.

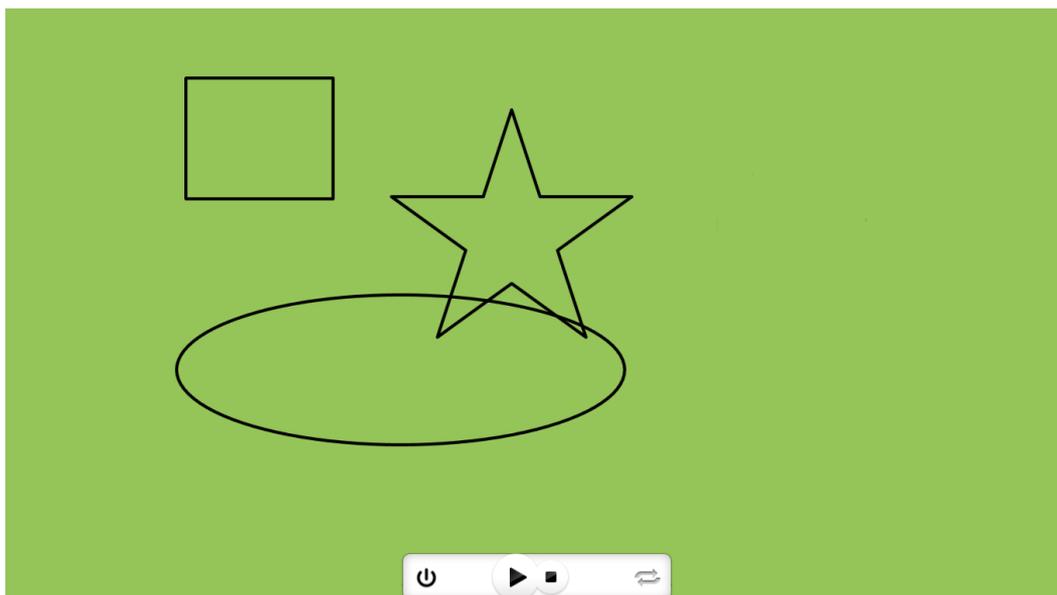


Figure.3-1-1-3-19 Page Playback

Click  to play back page objects; Click  to pause playback; Click  for loop playback; click  to exit page playback;

- Click  button to open panel-in-panel, default is hidden mode, as shown in Figure.3-1-1-3-20-1.

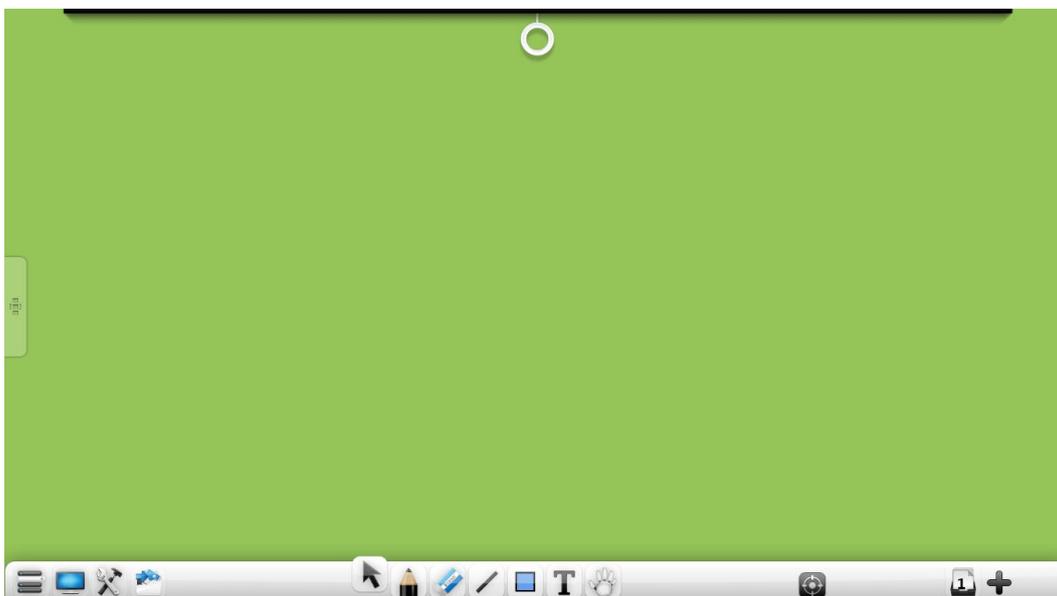


Figure.3-1-1-3-20-1 Open Panel-In-Panel

- ① Extend whiteboard. Click white ring on top of page, dragging down white board. If the whiteboard is dragged half distance of page, the white

board can fix to the current position; If the whiteboard is dragged to a distance of less than half page, whiteboard will retract automatically, but will not close, as shown in Figure.3-1-1-3-20-2;



Figure.3-1-1-3-20-2 Extend Panel-in-Panel

② Writing. You can write directly on whiteboard, with default handwriting is fine, and color is black. The handwriting's thickness and color cannot be changed;

③ Clear handwriting. Click  button to clear all the writing on white board;

④ Close. Click  to close panel-in-panel;

⑤ Retract whiteboard. Click white ring, to drag up whiteboard. Detailed operation is the same to whiteboard extending.

● Click  button to open screenshot tools, as shown in Figure.3-1-1-3-21-1.



Figure.3-1-1-3-21-1 Screenshot Tool

- ① Click  directly for full screen screenshot, after clicking this button, it will automatically screenshot full-screen, and insert to current page as image, as shown in Figure.3-1-1-3-21-2;

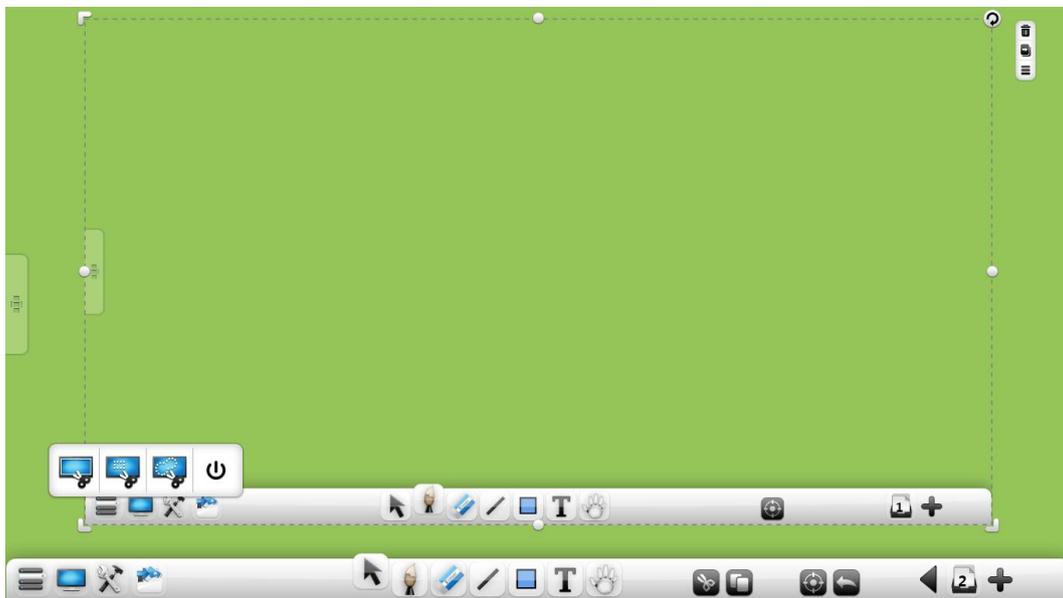


Figure.3-1-1-3-21-2 Full Screen Screenshot Inserting Page

- ② Click  and drag a rectangle on page, as shown in Figure.3-1-1-3-21-3, which can arbitrarily adjust position and shape of the rectangular.

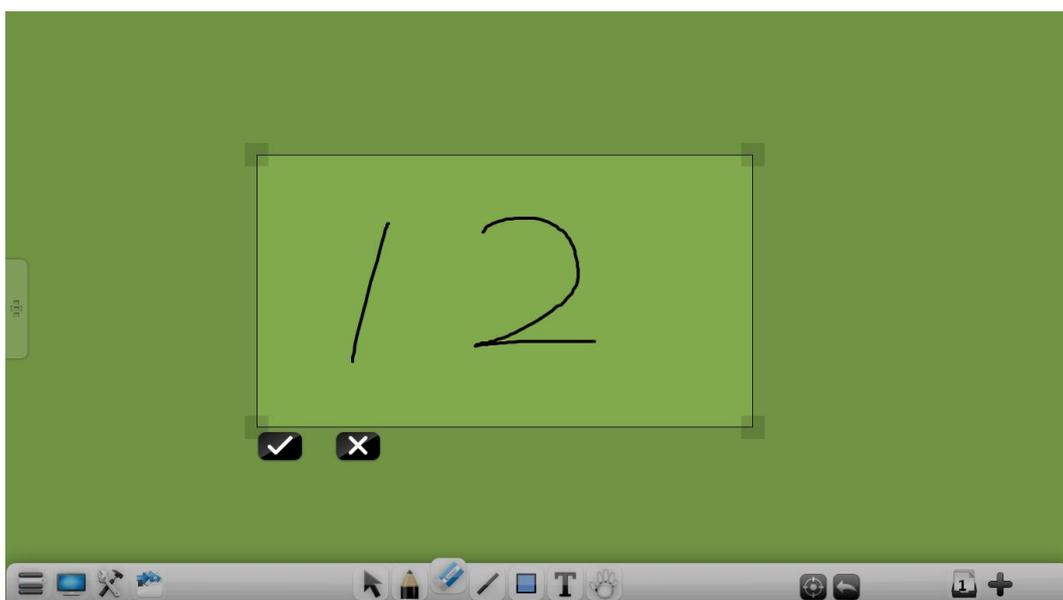


Figure.3-1-1-3-21-3 Rectangular Screenshot

Click  to insert screenshot into the page, as shown in Figure.3-1-1-3-21-4, click  to cancel screenshot;

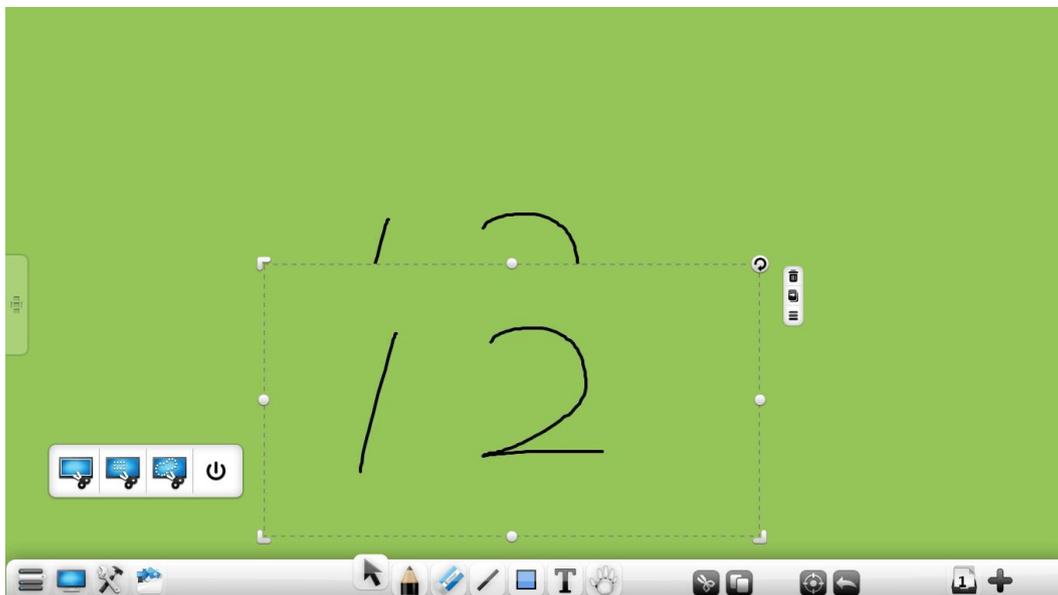


Figure.3-1-1-3-21-4 Rectangular Screenshot Inserting Page

③ Click  to perform arbitrary free screenshot. Arbitrarily select required screenshot object, as shown in Figure.3-1-1-3-21-5, and screenshot will be automatically inserted into the page;

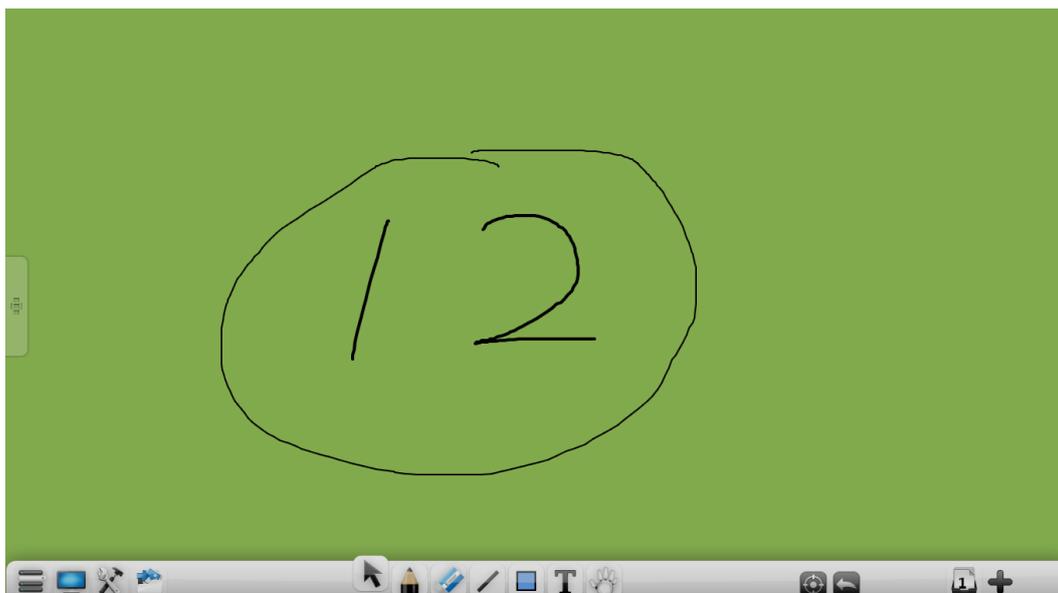


Figure.3-1-1-3-21-5 Arbitrary Screenshot

- ④ Click  to close screenshot tools;
- ⑤ Click and drag this toolbar, to drag screenshot to tool location.

3.1.1.4 Resource Pool

Click  to pop up resource pool as shown in Figure.3-1-1-4-1, "my computer" by default. In state of unlocking resource pool, during operation of dragging resources to page, resource pool will be automatically hidden.

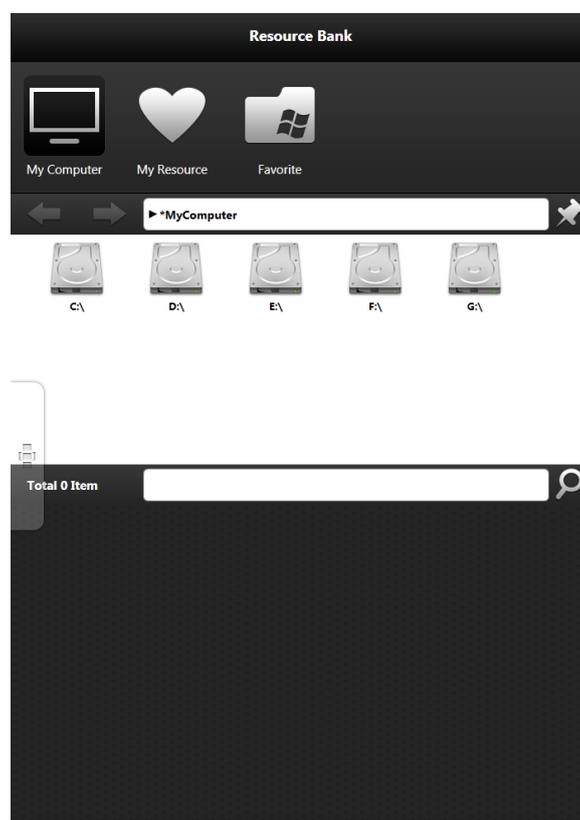


Figure.3-1-1-4-1 Resource Pool Interface

- Click  to browse computer disk resources. User can browse each disk and position to target demonstration folder →select demonstration resources required (handwriting, image, Flash, audio and video, etc.) →double click or drag resources to page for demonstration.
- Click  to browse resources that user adds to the repository on the page. If the user has added handwriting, written text, image, Flash, audio and video

resources to particular folder of resource pool, the user can call put collected resources at any time through “My resources”, as shown in Figure.3-1-1-4-2.

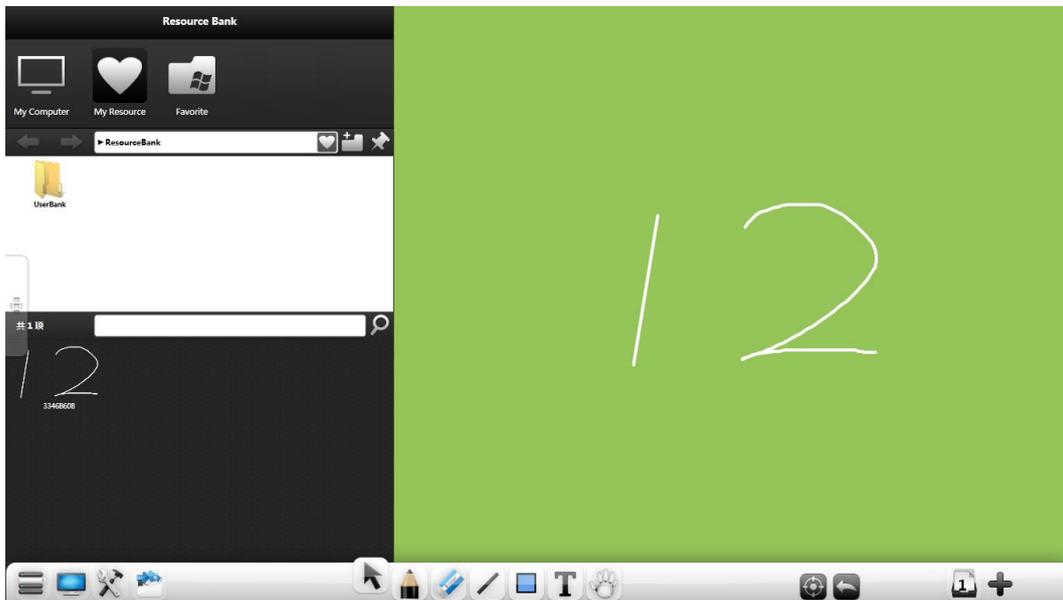


Figure.3-1-1-4-2 My Resources Interface

Click  to create new folder in "My resources", the new folder can be renamed, but the default folder cannot be renamed.

- Click  to fast browse favorite resources. User can add the folder path that needs to be collected to the favorites, which include my desktop path, and the recent 15 records, as shown in Figure.3-1-1-4-3. This function is only effective to "My computer" and "My resources", and only when there is resource in the current path can it be added to the favorites.

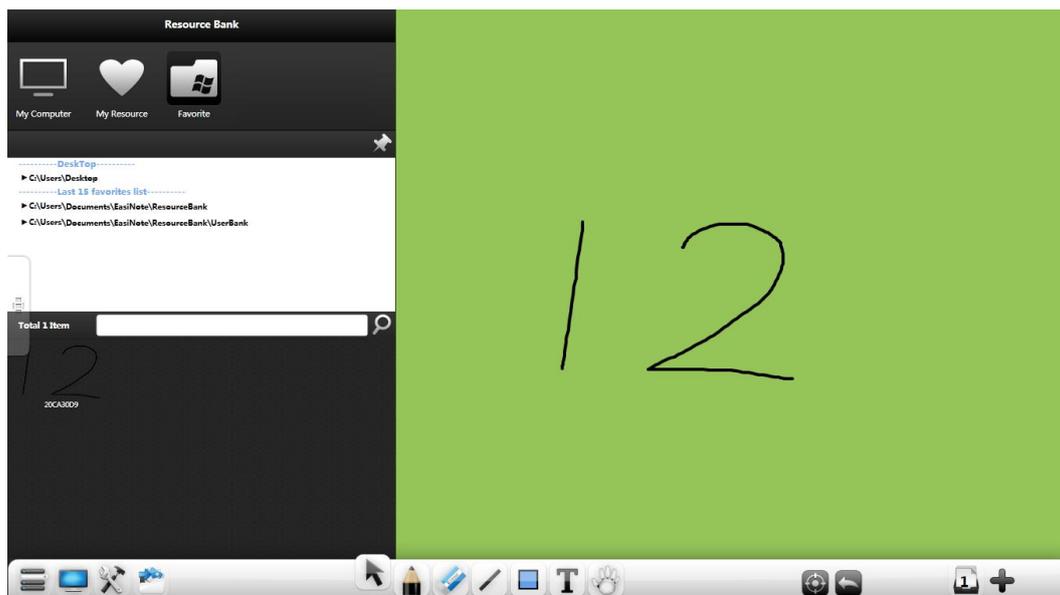


Figure.3-1-1-4-3 Favorites Interface

- Click address bar  or , and the user can select folder forward or backward.
- Click address bar  collection button, to add current folder path to the favorites, and users can browse collected documents in the favorites.
- Click address bar  to lock the current folder, as shown in Figure.3-1-1-4-4. Before unlocking, it is unable to operate other folders under the root directory, but it can operate other root directories, which means, my computer, My resources, desktop are locked without any links, with locking limited to each part.

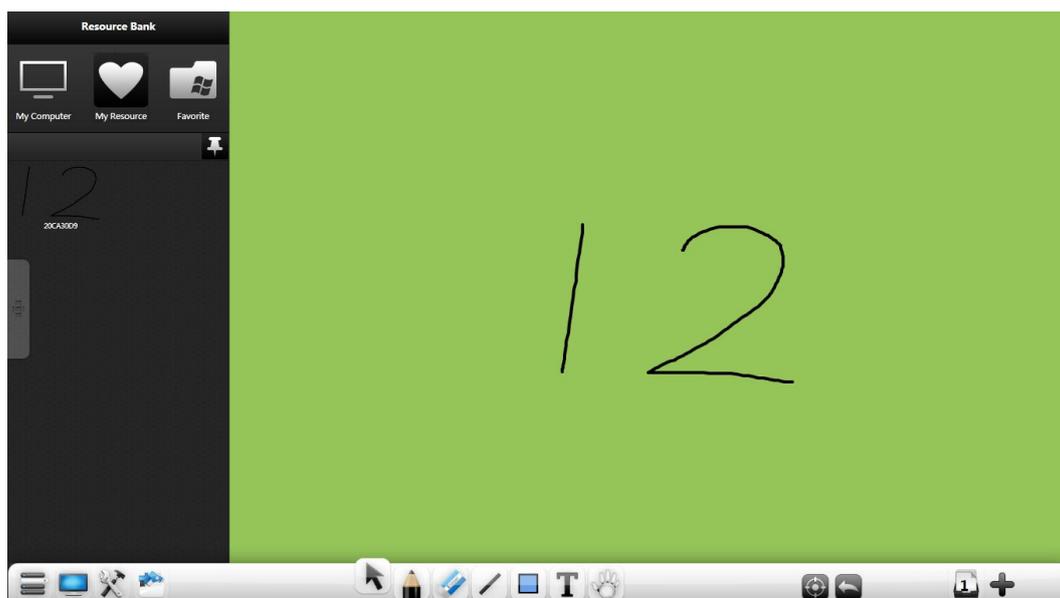


Figure.3-1-1-4-4 Lock Resource Pool Interface

- In the state of unlocking folder, input resource name, and click  to quickly search related resources of the current folder.

3.1.1.5 Selection

Click  to realize following options by drawing a closed image or click on the selected interface: moving, scaling, rotating, deleting, thickness setting, color settings, filling color, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), imaging, adding to the resource pool, editing hyperlinks, playback, setting image as the background, and etc., as shown in Figure.3-1-1-5-1.

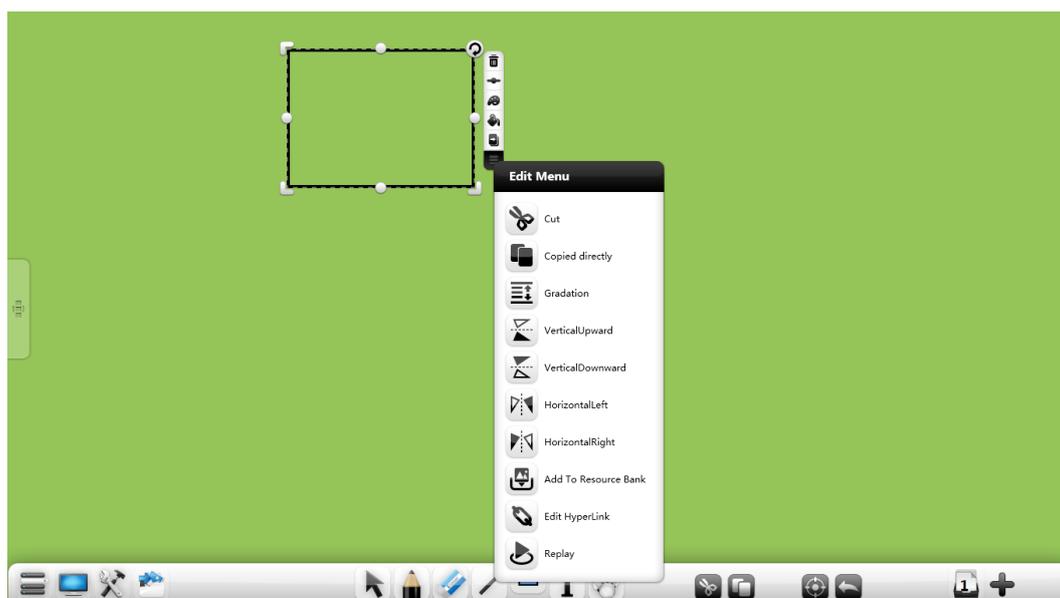


Figure.3-1-1-5-1 Select Object

(1) Handwriting

Select loop handwriting object, to conduct operation of selected handwriting as moving, scaling, rotating, deleting, handwriting thickness setting, color settings, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), cancellation of combination (combination of multiple objects), imaging(vertical up, vertical down, horizontal left, and horizontal right), adding to resource pool, playback, as shown in Figure.3-1-1-5-2.



Figure.3-1-1-5-2 Select Handwriting

- Click and drag selected handwriting, to move current handwriting object to any position;
- Hold down icons of  on the upper left,  on the bottom left, and  on the bottom right, to realize object uniform scaling zooming operations respectively;
- Hold down  icon on each side to realize object zooming operation in single direction;
- Click  to rotate the currently selected handwriting;
- In multi-touch mode, it can directly realize operations of currently selected handwriting as moving, zooming, rotation and etc.
- Click  to delete currently selected handwriting;
- Click  to adjust thickness of currently selected handwriting;
- Click  to adjust color of currently selected handwriting;
- Click  to enter dragging clone mode. After entering this mode, drag current selected handwriting, to directly clone the handwriting. Repeat dragging operation can clone the handwriting for many times, click the button once again to exit the dragging clone mode;
- Click  button will pop up object editing menu, to conduct operations of for current selected handwriting as cutting, direct copying, sorting, combination (multiple objects), cancellation of combination (combination of multiple objects), imaging (vertical up, vertical down, horizontal left, and horizontal right), adding to resource pool, playback and etc.
 - ① Cutting. Click  to cut currently selected handwriting;
 - ② Direct copying. Click  to copy currently selected handwriting, and paste it to lower right of the object;

- ③ Sorting. Click  to pop up secondary menu, which can make settings for layer relationship of multiple objects (including handwriting, line, picture, image, audio and video, etc.) (handwriting has the same object level with others), including move one level up, move one level down, place on the top, and place on the bottom;
- ④ Combination. Click  to combine multiple objects (including handwriting, lines, picture, image, audio and video, etc.) together. After combination, choose any one of the objects to select all combined objects at once;
- ⑤ Cancellation of combination. Click  to cancel the current combined objects (including handwriting, lines, picture, image, audio and video, etc.). Cancellation of combination only cancels combination of the last object, not including the object combination before, which means, for combination of A and B, and combination of AB and C, when cancelling combination ABC, it only cancels combination of AB with C, with combination of A and B maintained. Cancel combination of AB again will cancel combination of A and B;
- ⑥ Vertical up. Click  to turn image of currently selected handwriting up;
- ⑦ Vertical down. Click  to turn image of currently selected handwriting down;
- ⑧ Horizontal left. Click  to turn image of currently selected handwriting left;
- ⑨ Horizontal right. Click  to turn image of currently selected handwriting right;
- ⑩ Adding to resource pool. Click  to add currently selected handwriting to resource pool;

- ⑪ Playback. Click  to open playback function, to playback the currently selected handwriting.

(2) Lines

Select loop line object, to conduct operation of selected line as moving, scaling, rotating, deleting, thickness setting, color settings, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), imaging(vertical up, vertical down, horizontal left, and horizontal right), adding to resource pool, editing hyperlinks, playback, as shown in Figure.3-1-1-5-3. Only when selecting single line object, can perform line thickness, color settings, and hyperlinks; only when selecting multiple objects can carry out combination operation; Only when selected multiple line objects have been combined, and there is no line objects without combination, can combination button changes to cancellation of combination, to realize undo operation.

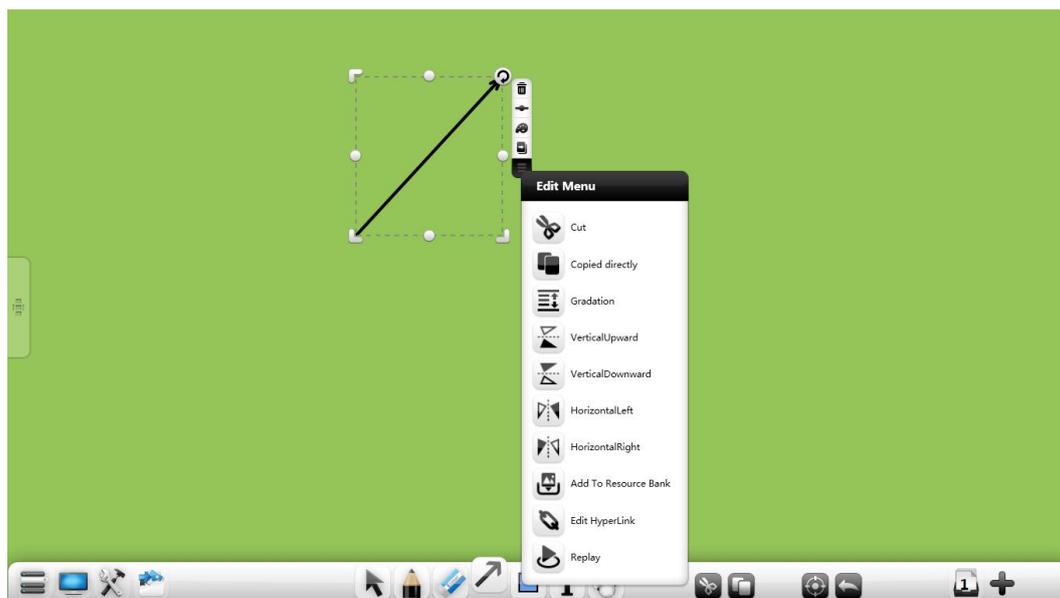


Figure.3-1-1-5-3 Select Lines

Functions of line moving, scaling, rotating, deleting, thickness setting, color settings, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), imaging(vertical up, vertical down, horizontal left, and horizontal right), adding to resource pool, and playback are the same as handwriting. See “(1) Handwriting” for details.

- Edit hyperlinks. Click  to pop up window as shown in Figure.3-1-1-5-4, which can create hyperlink for the currently selected line, including links to document, website, text information, whiteboard page, audio files, and etc.

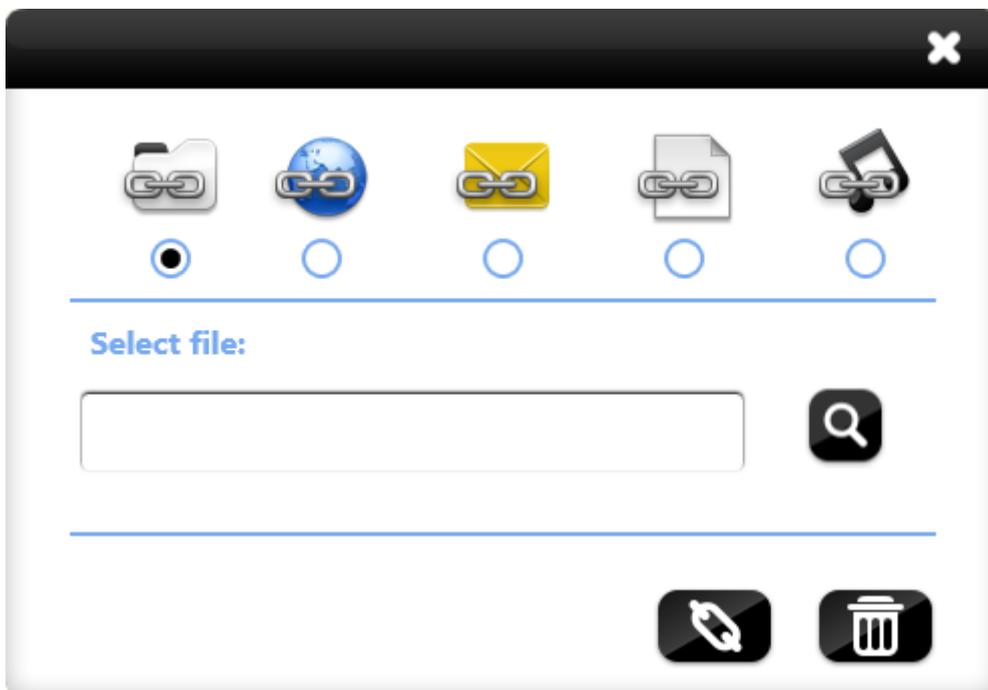


Figure.3-1-1-5-4 Edit Hyperlinks

- ① File. Select  to link to the file, search to select links to files needed, and click the link button to complete link;
- ② Website. Select  to link to website, input website, and click the link button to complete link;
- ③ Text information. Select  to link text information, input displaying text information when linking, and click the link button to complete;
- ④ White board page. Select  to link to white board, input white board page (input page number must be the page number of the white board), and click the link button to complete;

- ⑤ Audio files. Select  to link to the audio file, search to select links to audios needed, and click the link button to complete link;
- ⑥ Link. Click  to complete links, after links completion, select the object, display link button below the object, and click to open the linked content, as shown in Figure.3-1-1-5-5;

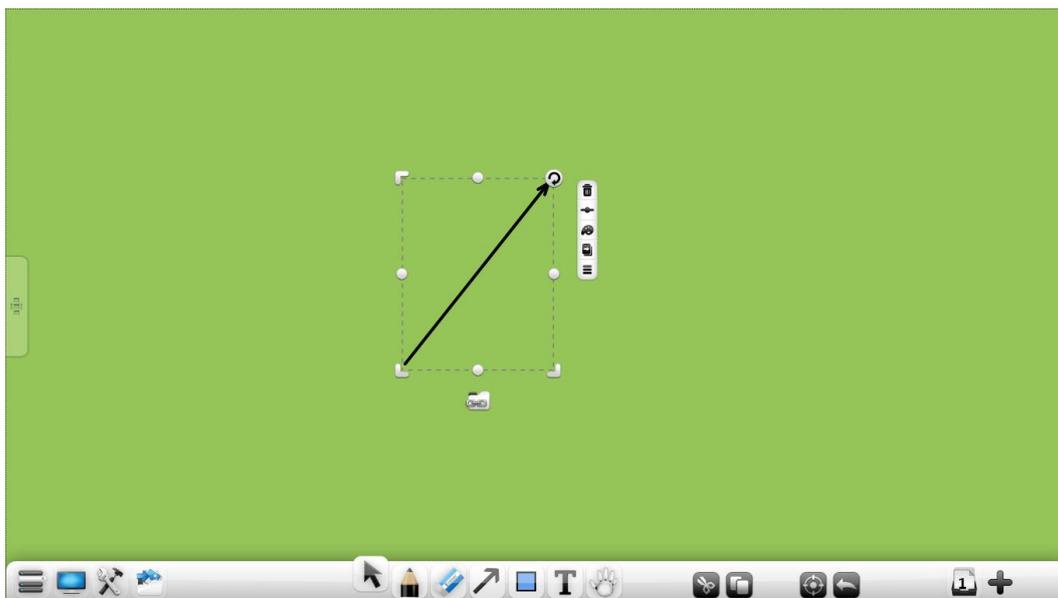


Figure.3-1-1-5-5 Display Hyperlink Button

- ⑦ Cancel the link. Click  to cancel link, and close the current window.

(3) Plane Figure

Select loop image object, to conduct operation of selected image as moving, scaling, rotating, deleting, frame thickness setting, frame color settings, filling color settings, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), imaging(vertical up, vertical down, horizontal left, and horizontal right), adding to resource pool, editing hyperlinks, and playback, as shown in Figure.3-1-1-5-6. Only when selecting single image object can perform image frame thickness, frame color settings, filling color and hyperlinks; only when selecting multiple objects can carry out combination operation; only when selected multiple image objects have been combined, and there is no image objects without

combination, can combination button changes to cancellation of combination, to realize undo combination operation.

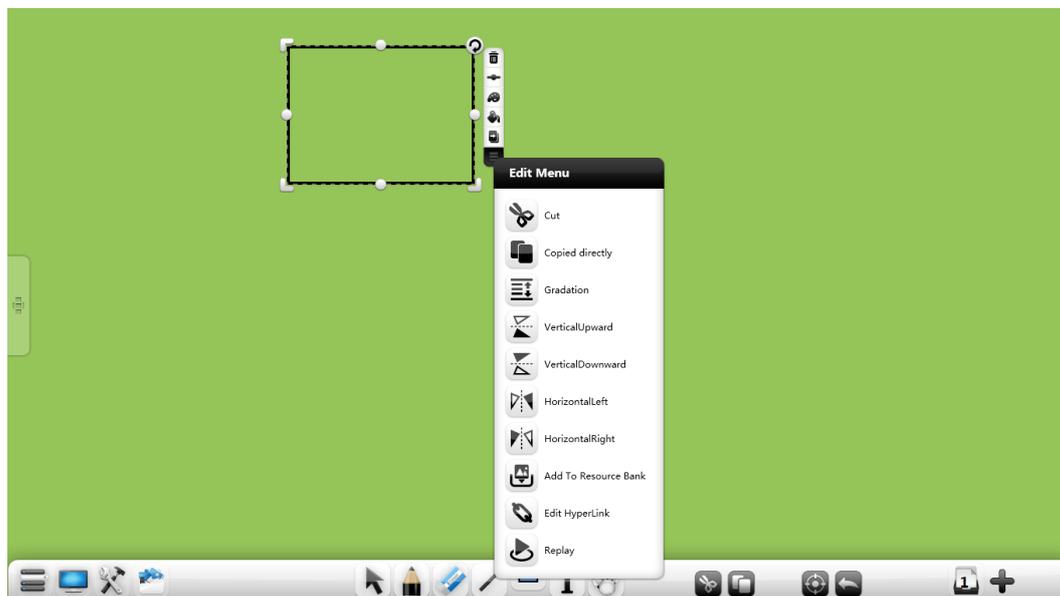


Figure.3-1-1-5-6 Select Image

- Functions of image moving, scaling, rotating, deleting, frame thickness setting, frame color settings, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), imaging(vertical up, vertical down, horizontal left, and horizontal right), adding to resource pool, and playback are the same as handwriting. See (1) Handwriting for details. Function of editing hyperlinks is the same to lines, see (2) Lines for details.

- Click  to fill color for single image.

(4) 3D Figure

Select loop 3D figure object, to conduct operation of selected 3D figure as moving, scaling, rotating, deleting, thickness setting, color settings, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), imaging(vertical up, vertical down, horizontal left, and horizontal right), adding to resource pool, editing hyperlinks, and playback, as shown in Figure.3-1-1-5-7. Only when selecting single 3D figure object can perform thickness, color settings, and hyperlinks; only when selecting multiple 3D figure objects can carry out combination operation; Only when selected multiple 3D figure objects have been combined, and there is no 3D figure

objects without combination, can combination button change to cancellation of combination, to realize undo combination operation.

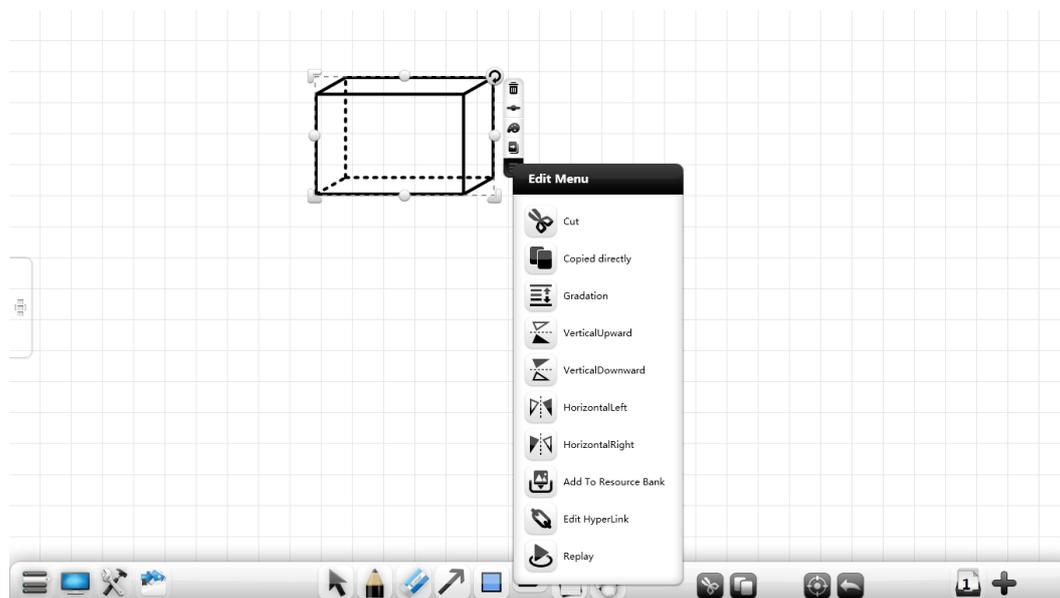


Figure.3-1-1-5-7 Select 3D Figure

- Functions of 3D figure moving, scaling, rotating, deleting, thickness setting, color settings, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), imaging(vertical up, vertical down, horizontal left, and horizontal right), adding to resource pool, and playback are the same as handwriting. See “(1)Handwriting” for details. Function of editing hyperlinks is the same to lines, see “(2) Lines” for details.
- 3D figure has no color filling function.

(5) Text

Select loop text object, to conduct operation of selected text as moving, scaling, rotating, deleting, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), imaging(vertical up, vertical down, horizontal left, and horizontal right), adding to resource pool, editing hyperlinks, editing text reading and playback, as shown in Figure.3-1-1-5-8. Only when selecting single text object can perform editing hyperlink, edit texts and reading; only when selecting multiple text objects can carry out combination operation; Only when selected multiple text objects have been combined, and there is no text objects without combination, can combination button

change to cancellation of combination, to realize undo combination operation; only when selecting multiple text objects can combine texts.



Figure.3-1-1-5-8 Select Text

- Functions of text moving, scaling, rotating, deleting, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), imaging(vertical up, vertical down, horizontal left, and horizontal right), adding to resource pool, and playback are the same as handwriting. See “(1) Handwriting” for details. Function of editing hyperlinks is the same to lines, see “(2) Lines” for details.

- Edit text. Click  to enter text editing state, to edit currently selected text;

- Read. Click  to read the currently selected text. Under XP, there is no text reading function;

- Text combination. Click  to combine the currently selected two groups (or more than two sets of texts), with the selected text automatic typesetting to the end of the first set of text. Formats such as font, size, and color are the same as the first set of text.

(6) Image

Select loop image object, to conduct operation of selected image as moving, scaling, rotating, deleting, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), imaging(vertical up, vertical down, horizontal left, and horizontal right), adding to resource pool, setting as background image, editing hyperlinks, and playback, as shown in Figure.3-1-1-5-9. Only when selecting single image object can perform setting image as background, and editing hyperlink; only when selecting multiple image objects can carry out combination operation; Only when selected multiple image objects have been combined, and there is no image objects without combination, can combination button change to cancellation of combination, to realize undo combination operation.

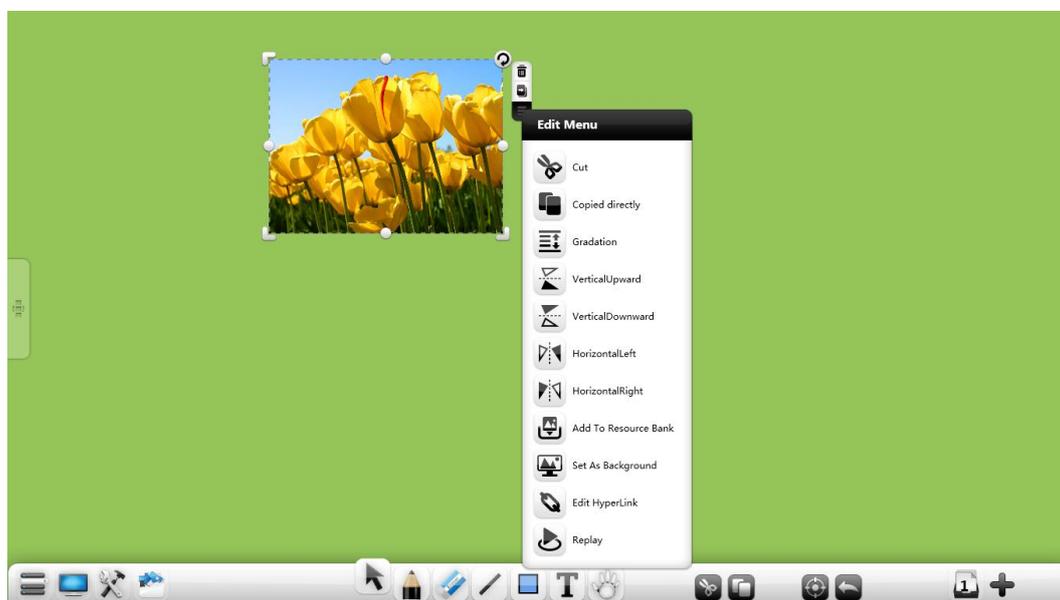


Figure.3-1-1-5-9 Select 3D Image

- Functions of image moving, scaling, rotating, deleting, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), imaging(vertical up, vertical down, horizontal left, and horizontal right), adding to resource pool, editing hyperlinks and playback are the same as handwriting. See “(1) Handwriting” for details. Function of editing hyperlinks is the same to lines, see “(2) Lines” for details.

- Set as background image. Click  to set currently selected image as page background image, with two modes of adaptation and filling can be selected, as shown in Figure.3-1-1-5-10.

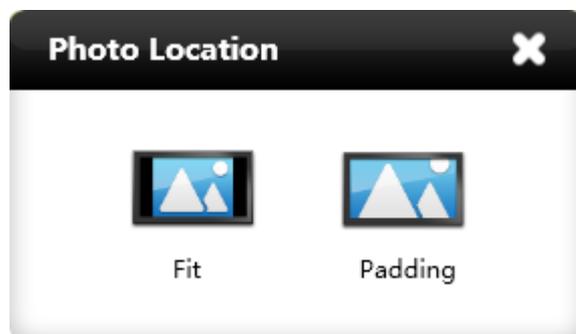


Figure.3-1-1-5-10 Set as Background Image

- ① Adaptation. Select adaptation and the image will be adapted to page background according to its own proportion, as shown in Figure.3-1-1-5-11.

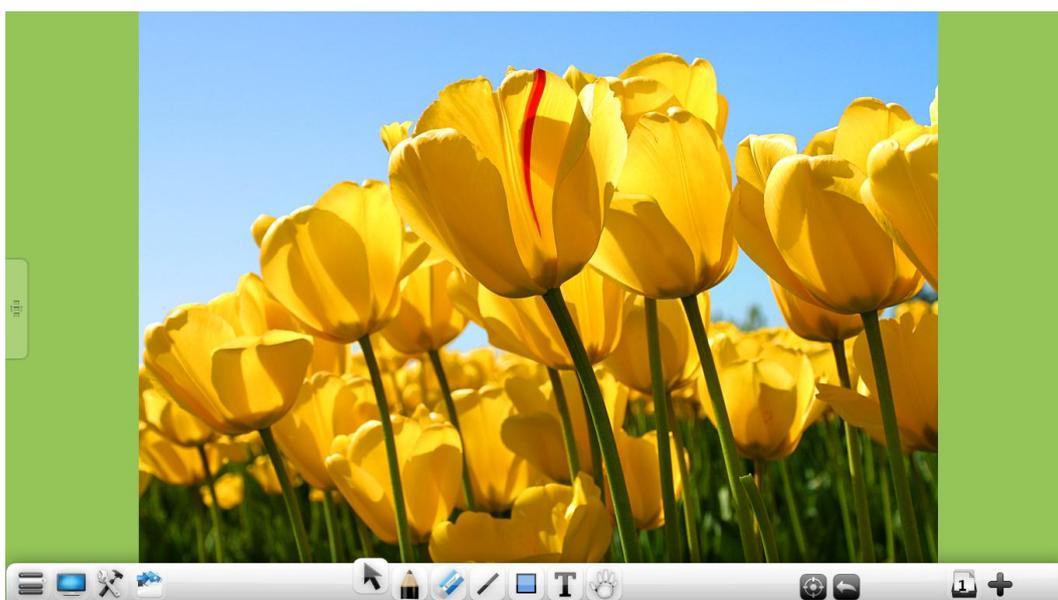


Figure.3-1-1-5-11 Adapted as Background Image

- ② Filling. Select filling and the image will be filled as page background according to page proportion, as shown in Figure.3-1-1-5-12.

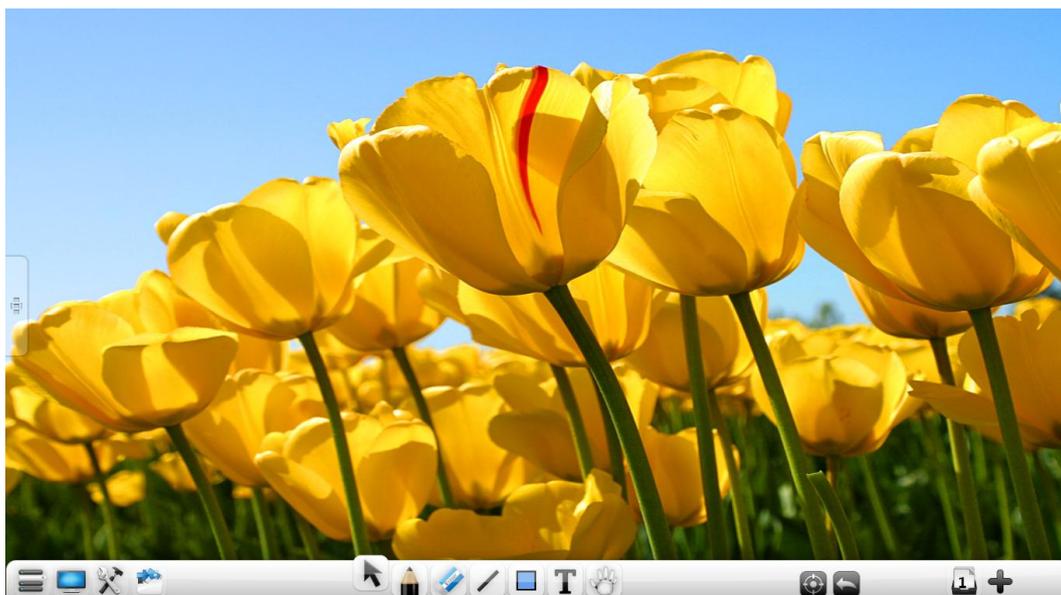


Figure.3-1-1-5-12 Fill as Background Image

(7) Audio and Video

Select loop audio and video object, to conduct operation of selected audio and video as playing, pausing, dragging process bar, sound adjusting, moving, scaling, rotating, screenshot, deleting, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), imaging (vertical up, vertical down, horizontal left, and horizontal right), and playback, as shown in Figure.3-1-1-5-13. Only when selecting single audio and video object can perform playing, pausing, stopping, dragging process bar operations towards audio and video objects, can make screenshots of current image; only when selecting multiple audio and video objects can carry out combination operation; Only when selected multiple audio and video objects have been combined, and there is no audio and video objects without combination, can combination button change to cancellation of combination, to realize undo combination operation.



Figure.3-1-1-5-13 Select Audio and Video

- Functions of audio and video moving, scaling, rotating, deleting, dragging cloning, cutting, direct copy, sorting, combination (multiple objects), imaging(vertical up, vertical down, horizontal left, and horizontal right), and playback are the same as handwriting. See “(1) Handwriting” for details.

- Play. Click  to play audio and video;
- Pause. Click  to pause playing of audio and video;
- Stop. Click  to stop playing audio and video;
- Drag progress bar. Drag audio and video playing progress bar, to customize playing position of audio and video;
- Voice control. Drag sound adjusting scroll bar, to adjust the volume;
- Screenshot. Click  to insert screenshot image of current audio and video image into the page.

3.1.1.6 Writing

Click  to open pen setting window, as shown in Figure.3-1-1-6-1. You can choose brush, handwriting thickness, and color. Among them, brush includes hard pen, highlighter, round brush, paint brush, and laser pen.

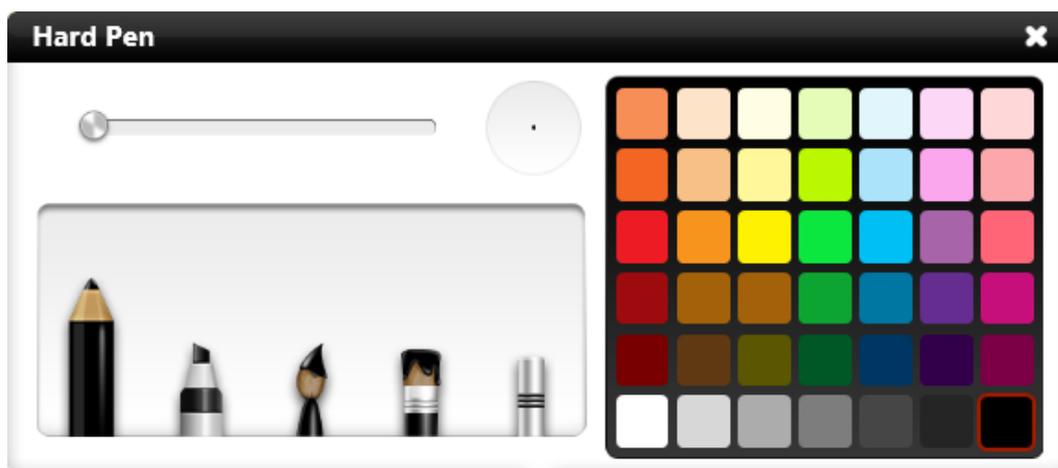


Figure.3-1-1-6-1 Brush

- Hard pen. Click  to enable hard pen, the default color is black, and handwriting is fine.
- Highlighter. Click  to enable highlighter, the default color is black, and handwriting is fine.
- Round brush. Click  to enable round brush, the default color is black. When writing with this brush, stroke thickness will change according to the real-time writing speed. When writing is fast, stroke is relatively fine; when writing speed is slower, strokes are relatively coarse, the entire writing process integrates with smooth brush writing experience.
- Paint brush. Click  to enable paint brush, the default color is black. When writing with this brush, stroke thickness will be different according to writing angles. Bristles lying down is thicker, vertical cross pen is fine, the whole process integrates with writing experience of row brush.
- Laser pen. Click  to enable laser pen, the default color is black. After writing with this pen, the writing will disappear gradually.
- Handwriting thickness. After selecting pen type, sliding handwriting thickness sliding bar to change handwriting thickness, as shown in Figure.3-1-1-6-2.



Figure.3-1-1-6-2 Handwriting Thickness Adjusting Interface

- Handwriting color. After selecting pen type, click color plate color on the right, to change handwriting color according to need. The color plate has a total of 42 colors.
- Multi-point writing. According to operating points supported by touch box, software can write with corresponding points by default. When opening gesture selection function, two points writing cannot be realized.

3.1.1.7 Eraser

Click  to select eraser, with default eraser is point erasing, as shown in Figure.3-1-1-7. Eraser is divided into point erasing, cycle erasing, and sliding page erasing.



Figure.3-1-1-7 Eraser

- Point erasing. Click  to select point wiping eraser, which can erase ordinary brush handwriting, including hard pen, highlighter, round brush, and row brush.
- Ring erasing Click  to select ring wiping eraser, select loop the handwriting requiring erase can erase selected handwriting, the eraser can erase ordinary brush (hard pen, highlighter, round brush, and row brush), lines, image, 3D figure and, text, image, audio and video handwritings.
- Page erasing. Slide  button to the right, to remove contents of the current page.

- Gesture erasing. Use touch surface touch page of three fingers' size, to start gesture erasing function. Under this function, it can erase all kinds of brush handwriting.

3.1.1.8 Lines

Click  to pop up line window, default selection is straight line, fine and black, as shown in Figure.3-1-1-8-1. Line type, thickness, and color can be selected, among which, line type includes 8 types as straight line, arrow, dotted line, double lines, curves, arc line, line segment, and rubber band.

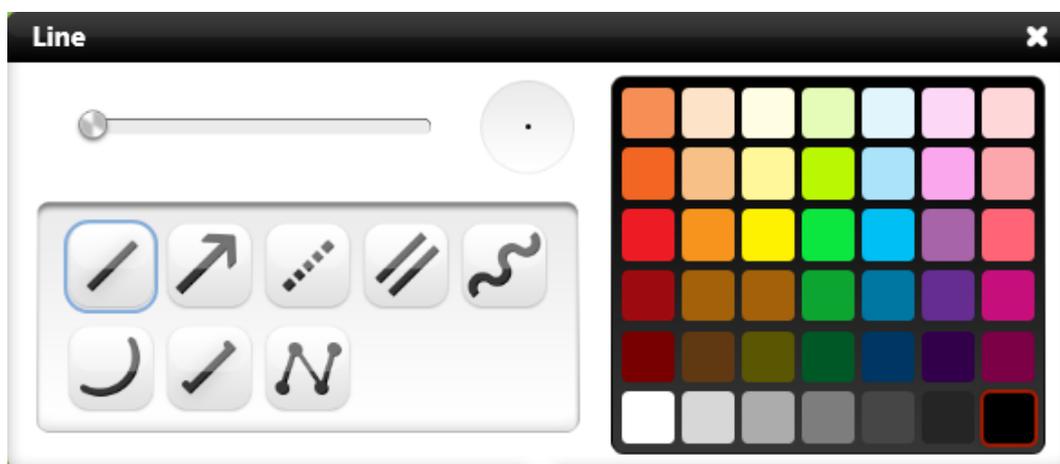


Figure.3-1-1-8-1 Line Tools

- Line thicknesses. After selecting line type, slide line thickness sliding bar to change line thickness. Its thickness is in synchronization with image frame thickness;
- Line color. After selecting line type, click color plate on the right, and select line color according to need. Color plate has a total of 42 colors. Its color is in synchronization with image frame color;
- Straight line. Click  to draw straight lines on the page, and the default is selected state after drawing;
- Arrow: Click  to draw arrows on the page, and the default is selected state after drawing;

- Dotted line: Click  to draw dotted lines on the page, and the default is selected state after drawing;
- Double line. Click  to draw double lines on the page, and the default is selected state after drawing;
- Curve: Click  to draw curves on the page, and the default is selected state after drawing;
- Arc line. Click  to draw arc lines on the page, and the default is selected state after drawing;
- Line segment. Click  to draw line segments on the page, and the default is selected state after drawing;
- Rubber band. Click  on the page to draw rubber band.
 - ① Draw line segment. Click on the page, blue operation point  will appear, drag blue operation point to draw line segments;
 - ② Adjust line segment. Click blue operation point, operating point turns black, with black operating point can be used to adjust length and position;
 - ③ Switch operation point. Click black operation point again, and the operating point can turn into blue operation point, each line segment has operating points on both ends, as shown in Figure.3-1-1-8-2.

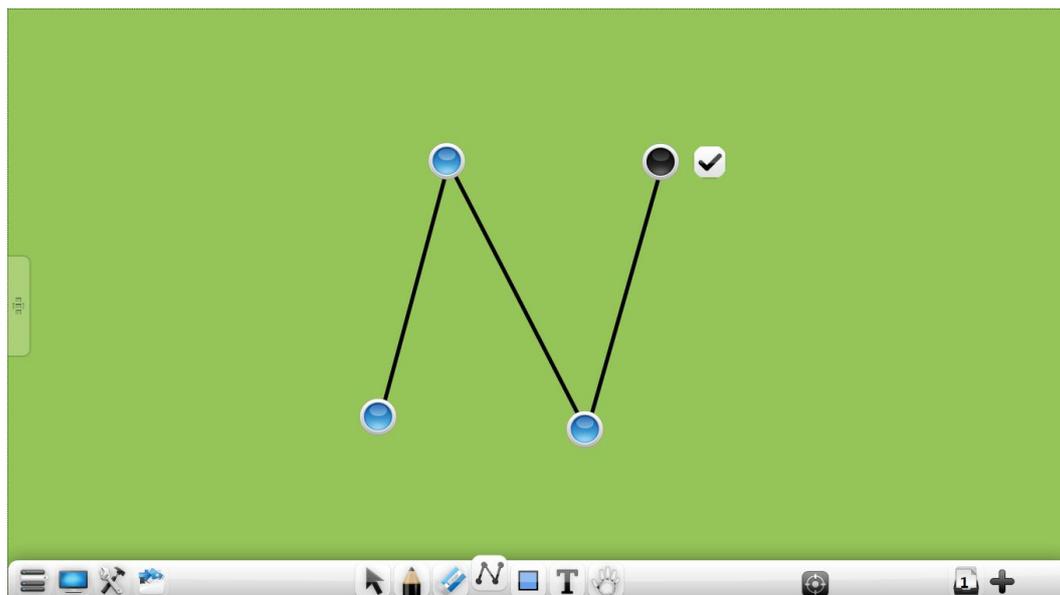


Figure.3-1-1-8-2 Rubber Band Tool

- ④ Complete drawing. Click  to complete image drawing, with image drawn cannot be changed;
- ⑤ Automatic correction. When angle between line and coordinate axis is less than 3° , line segment will be automatically adjusted as horizontal or vertical.

3.1.1.9 Rectangle

Click  to pop up image window, rectangular is selected by default, frame is thin and black, with no filling color, as shown in Figure.3-1-1-9-1. Image type, frame thickness, frame color, and filling color can be selected. Among them, image type includes 11 kinds of operations as rectangular, circular, ellipsoid, parallelogram, isosceles trapezium, right triangle, isosceles triangle, five-pointed star, pentagon, hexagon, and handwriting recognition.



Figure.3-1-1-9-1 Image Tools

- Frame thickness. After selecting image type, slide frame thickness sliding bar to change frame thickness. Its thickness is in synchronization with line frame thickness;
- Frame color. After selecting frame type, click  to switch frame color selection, and select frame color according to need. Color plate has a total of 42 colors. Its color is in synchronization with line frame color;
- Filling color. Click  to switch to filling color selection, and select filling color according to need. Color plate has a total of 42 colors.
- Rectangular. Click  to draw rectangular on the page, and the default is selected state after drawing;
- Circular. Click  to draw circular on the page, and the default is selected state after drawing;
- Ellipsoid. Click  to draw ellipsoid on the page, and the default is selected state after drawing;
- Parallelogram. Click  to draw parallelogram on the page, and the default is selected state after drawing;
- Isosceles trapezium. Click  to draw isosceles trapezium on the page, and the default is selected state after drawing;

- Right triangle. Click  to draw right triangle on the page, and the default is selected state after drawing;
- Isosceles triangle. Click  to draw isosceles triangle on the page, and the default is selected state after drawing;
- Five-pointed star. Click  to draw five-pointed star on the page, and the default is selected state after drawing;
- Pentagon. Click  to draw pentagon on the page, and the default is selected state after drawing;
- Hexagon. Click  to draw hexagon on the page, and the default is selected state after drawing;
- Image recognition. Click  button to open image recognition function, which can identify angle, arrow, triangle, tetragon, ellipsoid, and circular; of less than 90° . Image drawn on the page will be automatically identified and Figure. 3-1-1-9 -2 is identified image; When it couldn't identify image, it will pop up prompt box for being unable to recognize, the prompt dialog box will automatically shut off after 1 second.

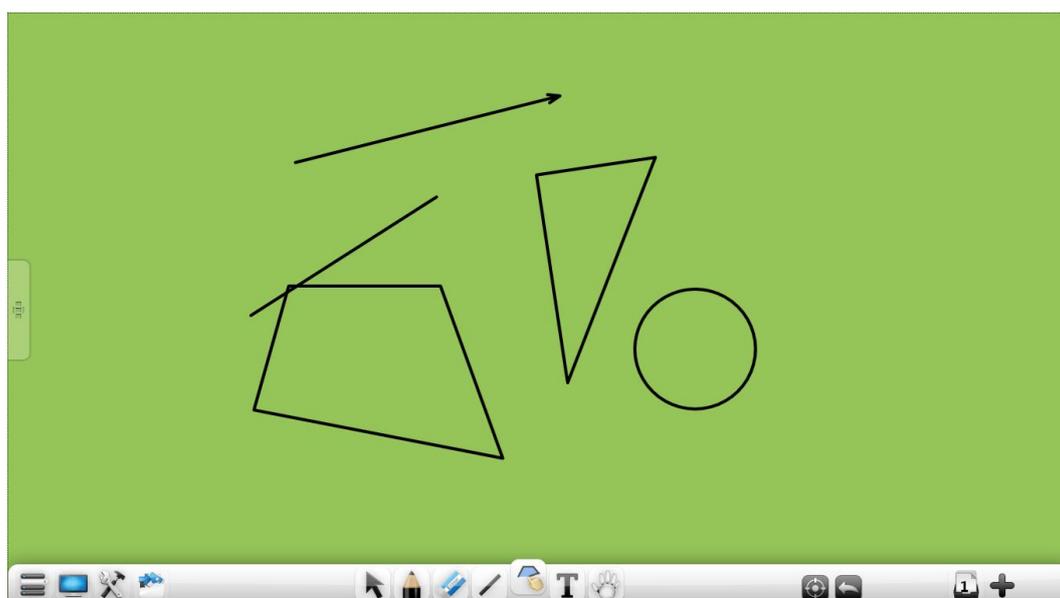


Figure.3-1-1-9-2 Image Recognition Effect

① Angle. Two-side image of less than 90° drawn on the page will be

automatically identified as angle;

- ② Arrow. Line segments drawn on page and retracing in any direction (completed in one operation) will be automatically identified as arrow;
- ③ Triangle. Closed triangle drawn on page (including acute angle, right angle and obtuse angle) will be automatically identified as triangle;
- ④ Tetragon. Closed tetragon drawn on page will be automatically identified as tetragon;
- ⑤ Ellipsoid. Closed ellipsoid drawn on page will be automatically identified as ellipsoid;
- ⑥ Circular. Closed circular drawn on page will be automatically identified as circular;

3.1.1.10 Text

Click  to pop up text sub-menu, as shown in Figure.3-1-1-10-1, including text editing and handwriting recognition function.



Figure.3-1-1-10-1 Text Input Function Options

- Click  button to open text editing function. Click location for inputting text on the page, and input text (input by text toolbar keyboard or PC external keyboard, maximum height by default is 200 lines), the default text font is song typeface, size is 40, and color is black, as shown in Figure.3-1-1-10-2.

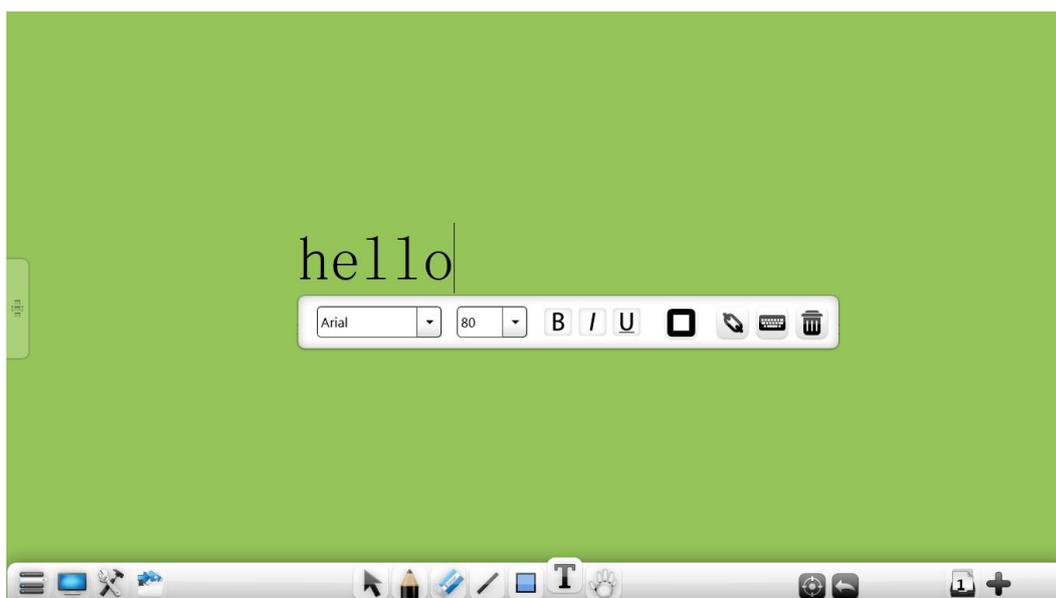


Figure.3-1-1-10-2 Text Editing

- ① Font. Click drop-down menu of font box to select text font;
- ② Font size. Click drop-down menu of font size box to select text font size;
- ③ Bold. Click  button to set current text to bold, and at the same time, the button is changed into , click this button again to restore font thickness;
- ④ Italic. Click  button to set current text to italic, and at the same time, the button is changed into , click this button again to restore font;
- ⑤ Underline. Click  button to set current text to underlined, and at the same time, the button is changed into , click this button again to remove underline of font;
- ⑥ Font color. Click  button to pop up color plate, to set font color of current text;
- ⑦ Website link. Click  to pop up hyperlink editing window, to edit current text hyperlinks to file, website, text information, whiteboard page, audio files, and etc. See “Editing hyperlinks” of "3.1.1.5 Selection" for

detailed operation;

- ⑧ Keyboard input. Click  to call out keyboard for text input;
- ⑨ Delete. Click  to delete the current input text content, without closing text editor toolbar.
- Click  button to open handwriting recognition function. Handwriting recognition can display handwriting recognition toolbars, or it can also be default automatic identification. This function can set in setup window, software default setting is not starting.
 - ① Don't start recognition toolbar. After writing on the page, handwriting will be identified automatically and displayed on the page. The default displayed text is selected state, as Figure.3-1-1-10-3;

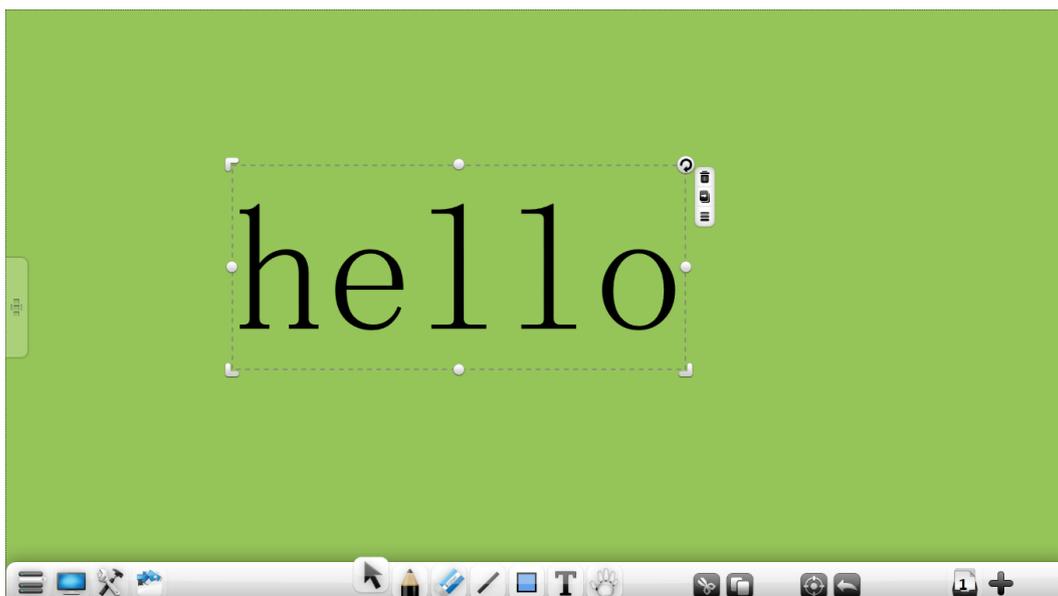


Figure.3-1-1-10-3 No Toolbar Handwriting Recognition

- ② Start recognition toolbar. After writing on the page, click  button and handwriting will be identified automatically and displayed on the page. Cross line on written toolbar can delete written contents, and make corrections, as shown in Figure.3-1-1-10-4;

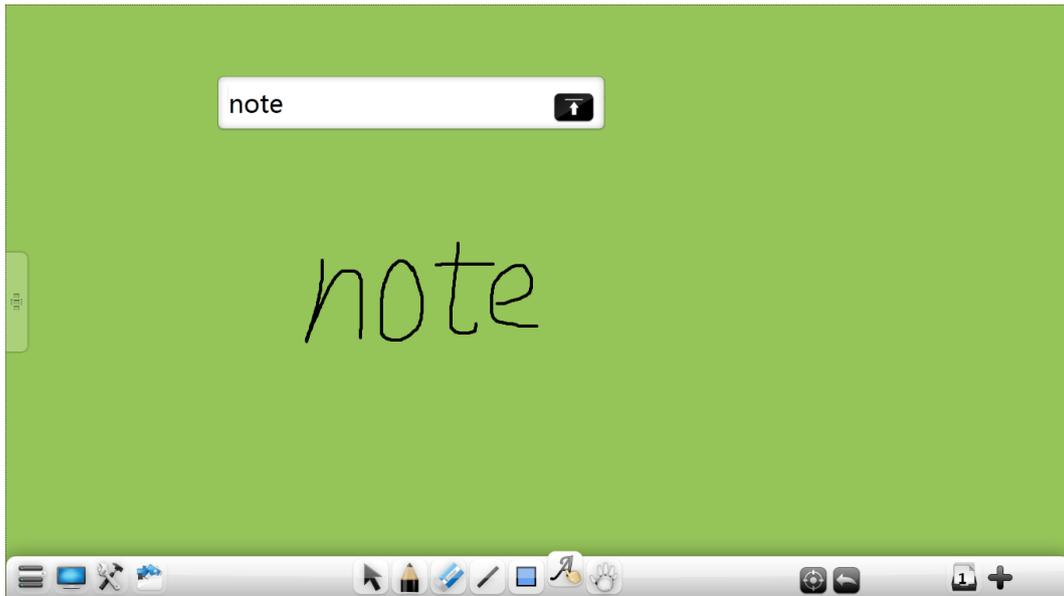


Figure.3-1-1-10-4 Toolbar Handwriting Recognition

3.1.1.11 Screen Roaming

After clicking  button, click current page (or click the left mouse button) and move the current page; Click objects such as picture, image, audio and video, to perform multi-point zoom, and rotation.

- Click  button to perform one operation of zooming in to all the objects on the current page.
- Click  button to perform one operation of zooming out to all the objects on the current page.
- Gesture roaming. Long touch two or more points on the interface for 0.5 s, to start gesture roaming after page two jittering, user can roam the page; No action after 0.5 s, to close gesture roaming after page two jittering.

3.1.1.12 Cut/Copy and Paste

Select currently selected handwriting that needs to cut/copy, click drop-down menu of currently selected handwriting or cut  /copy  button on the

toolbar, to cut/copy handwriting that is currently selected, click  button to paste the currently selected handwriting to required page.

Through shortcut Ctrl + V, copy external image or text, and paste to the page. Pasted image displays 300 px, pasted text is inserted from upper left corner of the page by default, and can be edited with text editor again.

3.1.1.13 Roaming Navigation

Click  button, and navigation can quickly position and browse region information of adjacent page of current page, with ratio can be adjusted, as shown in Figure.3-1-1-13.

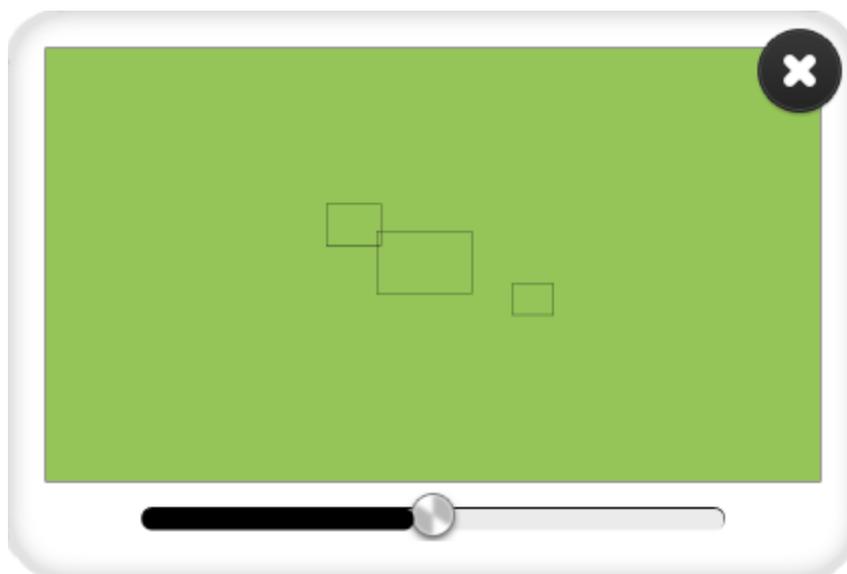


Figure.3-1-1-13 Navigation Image Interface

3.1.1.14 Undo

Click  to undo previous operation. This button is in a hidden state when there is no currently selected handwriting drawing operation.

3.1.1.15 Redo

Click  to restore previous undo operation. This button is in a hidden state before undoing currently selected handwriting.

3.1.1.16 Previous Page

When current page is not the first page, click  button to switch to previous page of current page.

3.1.1.17 Page Thumbnail

Click  button to view all file page information, as shown in Figure.3-1-1-1-17-1.

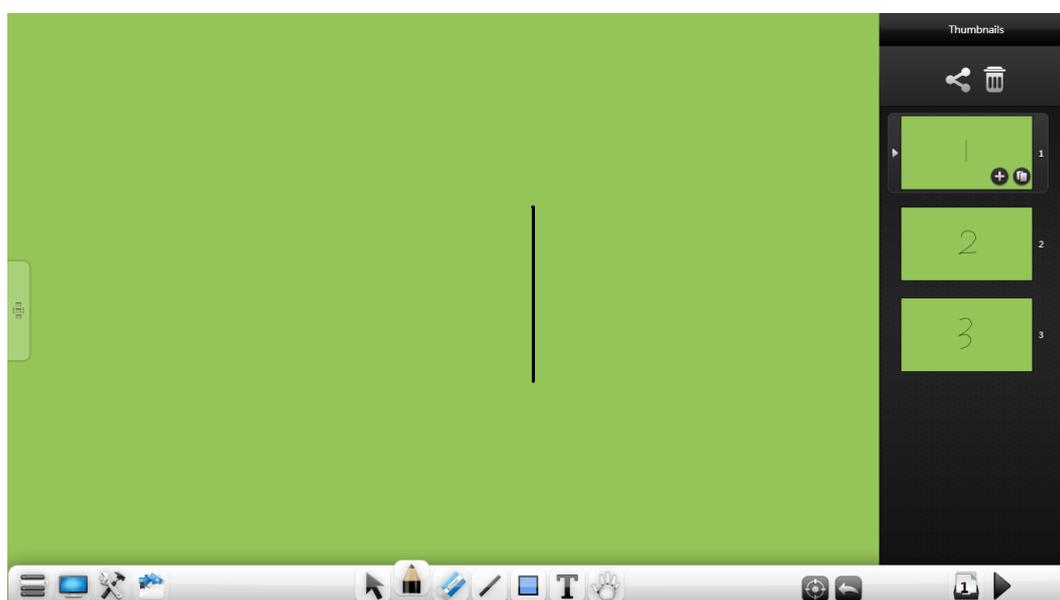


Figure.3-1-1-17-1 Page Information Interface

- Send mail. Click  to pop up sending email window, as shown in Figure.3-1-1-17-2.



Figure.3-1-1-17-2 Sending Email Interface

- ① Manually configure the SMTP, port number, Account and password;
 - ② Click  to save the current configuration information;
 - ③ Click  to reset the current configuration information. If the user has saved configuration information, then reset to the user information stored; If the user has not configuration information, then reset to empty;
 - ④ Click  to hide configuration interface;
 - ⑤ Fill in the recipient email address, subject and message content;
 - ⑥ Click  to send all pages of the current interface to user specified mailbox;
- Delete page. Click  button to enter delete mode, user can choose multiple pages to delete according to need (user can select a single page, or click the Select All button to select all pages, the default selection is the

current page), as shown in Figure.3-1-1-17-3. When page is all selected to delete, the deleted pages cannot recover;

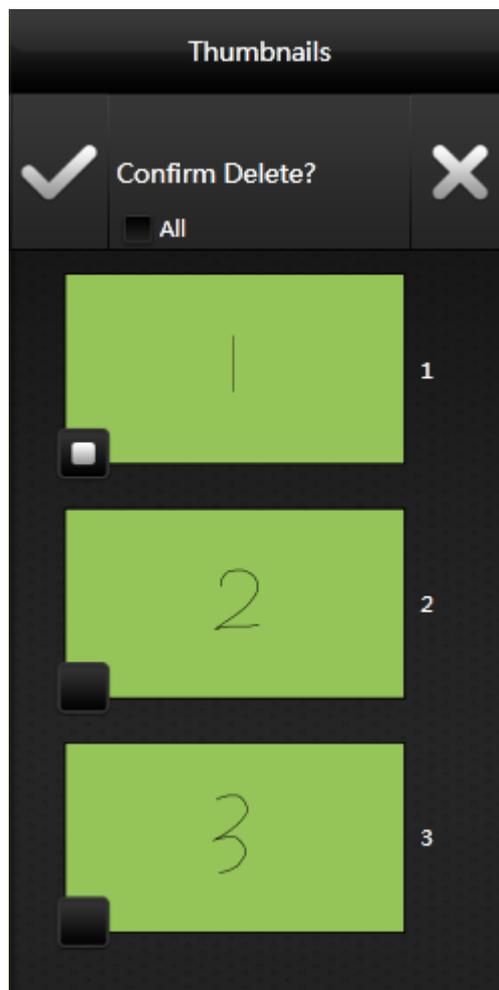


Figure.3-1-1-17-3 Delete page

- Add page. Click  button to add a new page on the next page of the current page;
- Copy page. Click  button to copy current page to next page (when applying template in each scene, this button is invalid);

3.1.1.18 Add Page

When the current page is the last page, click  button to add a new page.

3.1.1.19 Next Page

When the current page is not the last page, click  button to switch to next page of the current page.

3.1.1.20 Shortcuts

Call out screen keyboard or external keyboard, to realize functions of new, open, save, copy, paste, undo, redo, and delete by shortcuts.

- New: Ctrl+N
- Open: Ctrl+O
- Save: Ctrl+S
- Copy: Ctrl+C
- Paste: Ctrl+V
- Undo: Ctrl+Z
- Redo: Ctrl+Y
- Delete: Delete

3.1.2 Concise Mode

Right click the mouse toolbar to switch to concise mode, as shown in Figure.3-1-2. Concise mode only has functions of highlighter, brush, eraser, and returning to standard mode, and at the same time, press long any place on the page, and the toolbar can immediately track to this location.



Figure.3-1-2 Concise Mode

- Stretch toolbar. Click  button to stretch toolbar;

- Highlighter. Click  button to enter concise notation state. At this time, you can use highlighter to make notation on the current interface. Highlighter color is the same as that of the standard mode before switching;
- Hard pen. Click  button to enter concise notation state. At this time, you can use hard pen to make notation on the current interface. Hard pen color is the same as that of the standard mode before switching;
- Eraser. Click  button to erase writing and notation handwriting;
- Return. Click  button to return to standard mode;

3.1.3 Desktop Mode

Click  on the toolbar to switch to desktop mode, as shown in Figure.3-1-3. Desktop mode only has functions of highlighter, brush, eraser, screenshot and returning to standard mode, and at the same time, press long any place on the page, and the toolbar can immediately track to this location.



Figure.3-1-3 Desktop Mode

- Highlighter. Click  button to enter desktop notation state. At this time, you can use highlighter to make notation on the current interface (Highlighter color is the same as that of the standard mode before switching), and the current icon is changed to , click this icon to return to desktop operation mode;

- Hard pen. Click  button to enter desktop notation state. At this time, you can use hard pen to make notation on the current interface (Hard pen color is the same as that of the standard mode before switching), and the current icon is changed to , click this icon to return to desktop operation mode;
- Eraser. Click  button to erase desktop notation handwriting, and the current icon is changed to , click this icon to return to desktop operation mode;
- Screenshot. Click  button to call out screenshot tool. See “3.1.1.3 Tools → (3) Small Tools →Screenshot” for details;
- Return. Click  button to return to standard mode;
- Stretch toolbar. Click  button to stretch toolbar.

3.2 Subject Mode Function

WScribe application software sets different subject modes according to the different subjects, including English Mode, Math Mode, and Physics Mode. Different subjects provide different teaching tools, and the user can apply different subject teaching mode according to the current subject. In each mode, click buttons on the left side of the page, to pop up mode selection interface, as shown in Figure.3-2. Among them, each mode is of mutual independence and mutual coexistence, and page list of each subject mode only displays page list of current scene; besides standard mode, each mode can switch between each other.

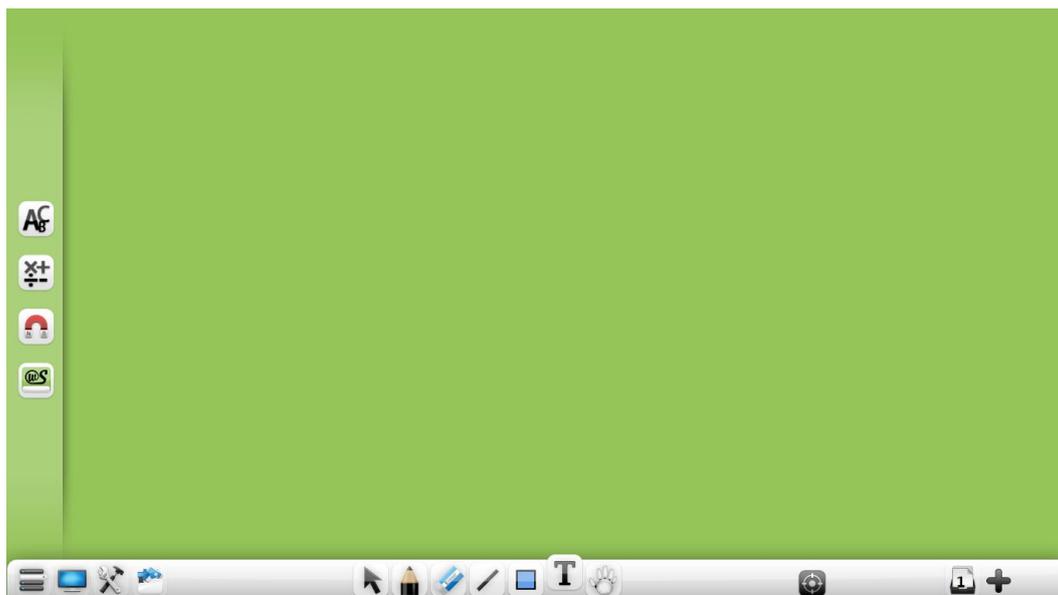


Figure.3-2 Mode Switch Interface

3.2.1 English Mode

Click  button to enter English mode, with toolbar functions from left to right: menu, switch to desktop mode, tools, resource pool, select, brush, eraser, text, teaching templates, roaming, navigation, page number, add pages, as shown in Figure.3-2-1-1.

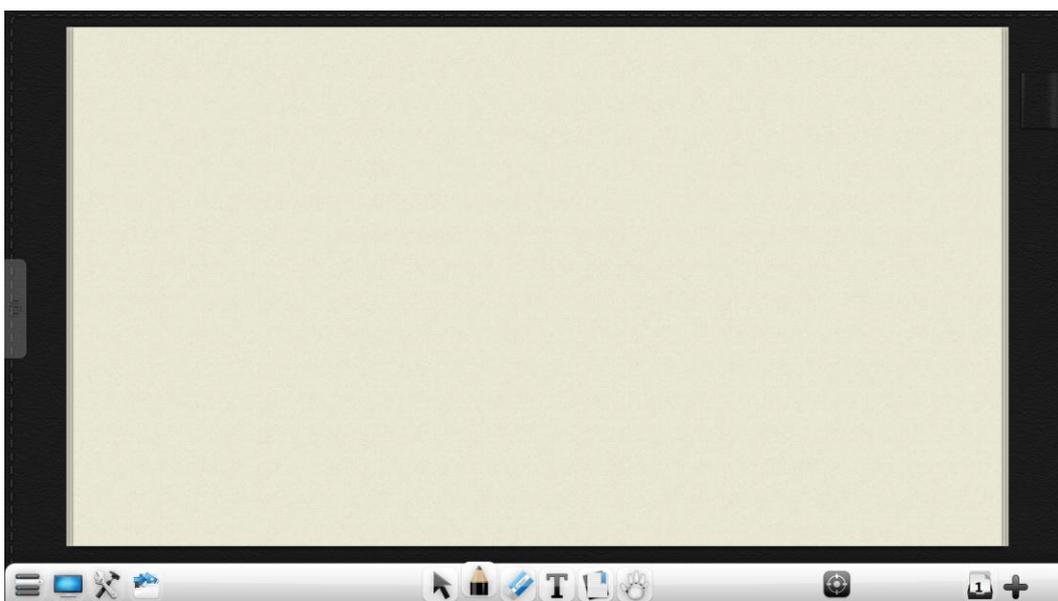


Figure.3-2-1-1 English Mode Interface

- Menu. Click  to pop up drop-down menu as shown in Figure.3-2-1-2. Drop-down menu provides user function options such as new, open, insert, save and import, and exit the software, see "3.1.1.1 Menu" for details.

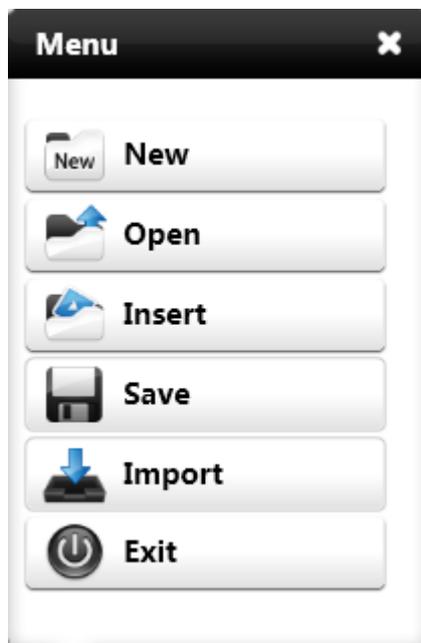


Figure.3-2-1-2 Chinese Mode Menu

- Click  to select different teaching templates such as whiteboard and four-line grid, as shown in Figure.3-2-1-3. Four-line grid template is used to teach words writing.



Figure.3-2-1-3 Teaching Template

- Other function buttons are the same with that in standard mode.

3.2.2 Math Mode

- Click  button to enter Math mode, with toolbar functions from left to

right: menu, switch to desktop mode, tools, resource pool, select, brush, eraser, lines, image, 3D image, teaching templates, roaming, navigation, page number, add pages, as shown in Figure.3-2-2-1.

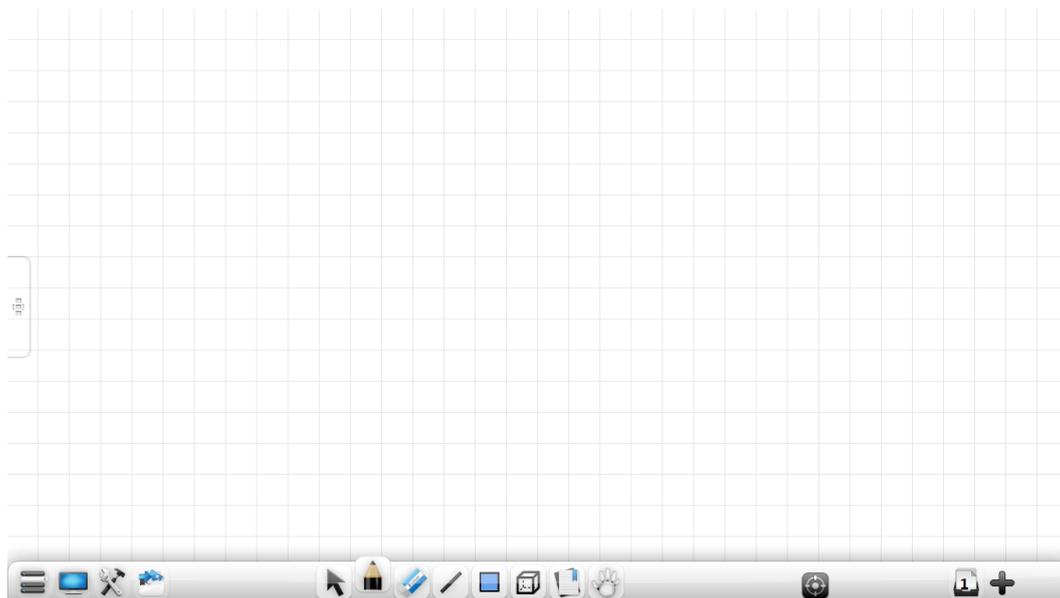


Figure.3-2-2-1 Math Mode Interface

- Click  to pop up line sub-menu as shown in Figure.3-2-2-2, with 9 kinds of three-dimensional images are available for drawing operation, including cube, cylinder, cone, circular cone, triangular pyramid, rectangular pyramid, sphere, half sphere, and dihedron. Among them, the default image selected is cube, and three-dimensional image has no filling function.



Figure.3-2-2-2 3D Image Tools

- ① Frame thickness. After selecting 3D image type, slide frame thickness

sliding bar to change frame thickness. Its thickness is in synchronization with line and image frame thickness;

- ② Frame color. After selecting 3D image type, click color plate on the right side, and select line color according to need. Color plate has a total of 42 colors. Its color is in synchronization with line and image frame color;

- ③ Cube. Click  to draw cube on the page, and the default is selected state after drawing;

- ④ Cylinder. Click  to draw cylinder on the page, and the default is selected state after drawing;

- ⑤ Cone. Click  to draw cone on the page, and the default is selected state after drawing;

- ⑥ Circular cone. Click  to draw circular cone on the page, and the default is selected state after drawing;

- ⑦ Triangular pyramid. Click  to draw triangular pyramid on the page, and the default is selected state after drawing;

- ⑧ Rectangular pyramid. Click  to draw rectangular pyramid on the page, and the default is selected state after drawing;

- ⑨ Sphere. Click  to draw sphere on the page, and the default is selected state after drawing;

- ⑩ Half sphere. Click  to draw half sphere on the page, and the default is selected state after drawing;

- ⑪ Dihedron. Click  to draw dihedron on the page, and the default is selected state after drawing;

- Click  to select different teaching templates such as grid and day-word grid as shown in Figure.3-2-2-3. Day-word grid template is used to facilitate teaching numbers, scores, and etc.

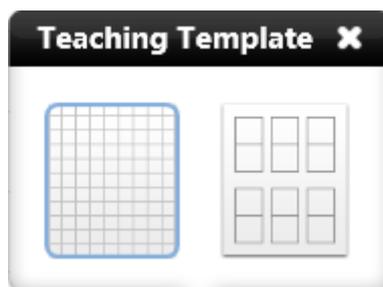


Figure.3-2-2-3 Teaching Template

- Other function buttons are the same with that in standard mode.

3.2.3 Physics Mode



Click  button to enter Physics mode, with toolbar functions from left to right: menu, switch to desktop mode, tools, resource pool, select, brush, eraser, image, 3D image, text, roaming, navigation, page number, add pages, as shown in Figure.3-2-3-1.

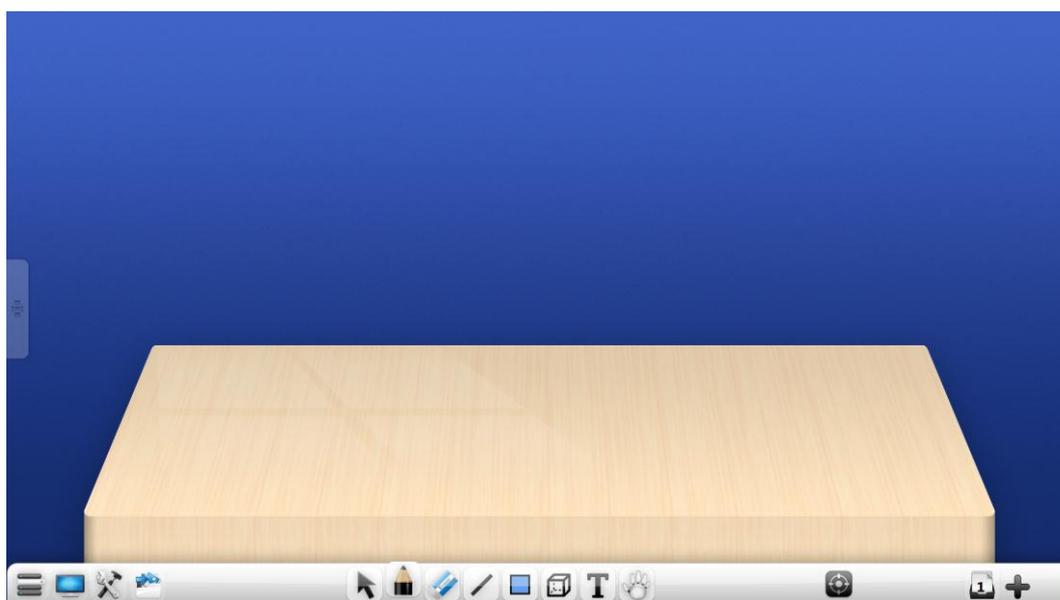


Figure.3-2-3-1 Physics Mode Interface

- Image and 3D image is the same to Math mode, with other function buttons are the same with that in standard mode.

Above are entire contents of instruction manual for Wscribe application software. Any updates of manual version are made without prior notice.

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