

E-podium & Smart Board Writing software

User's Manual



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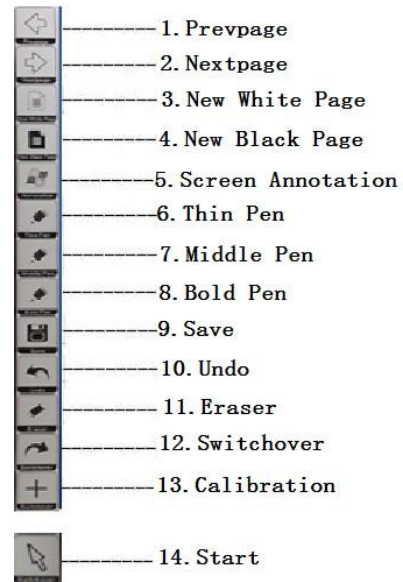
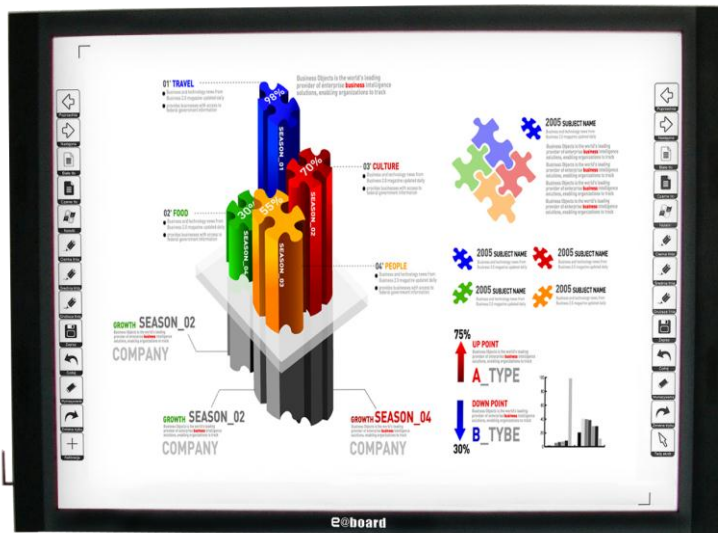
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User's Manual Of e@Board Interactive Whiteboard Software

1. Interface display of whiteboard



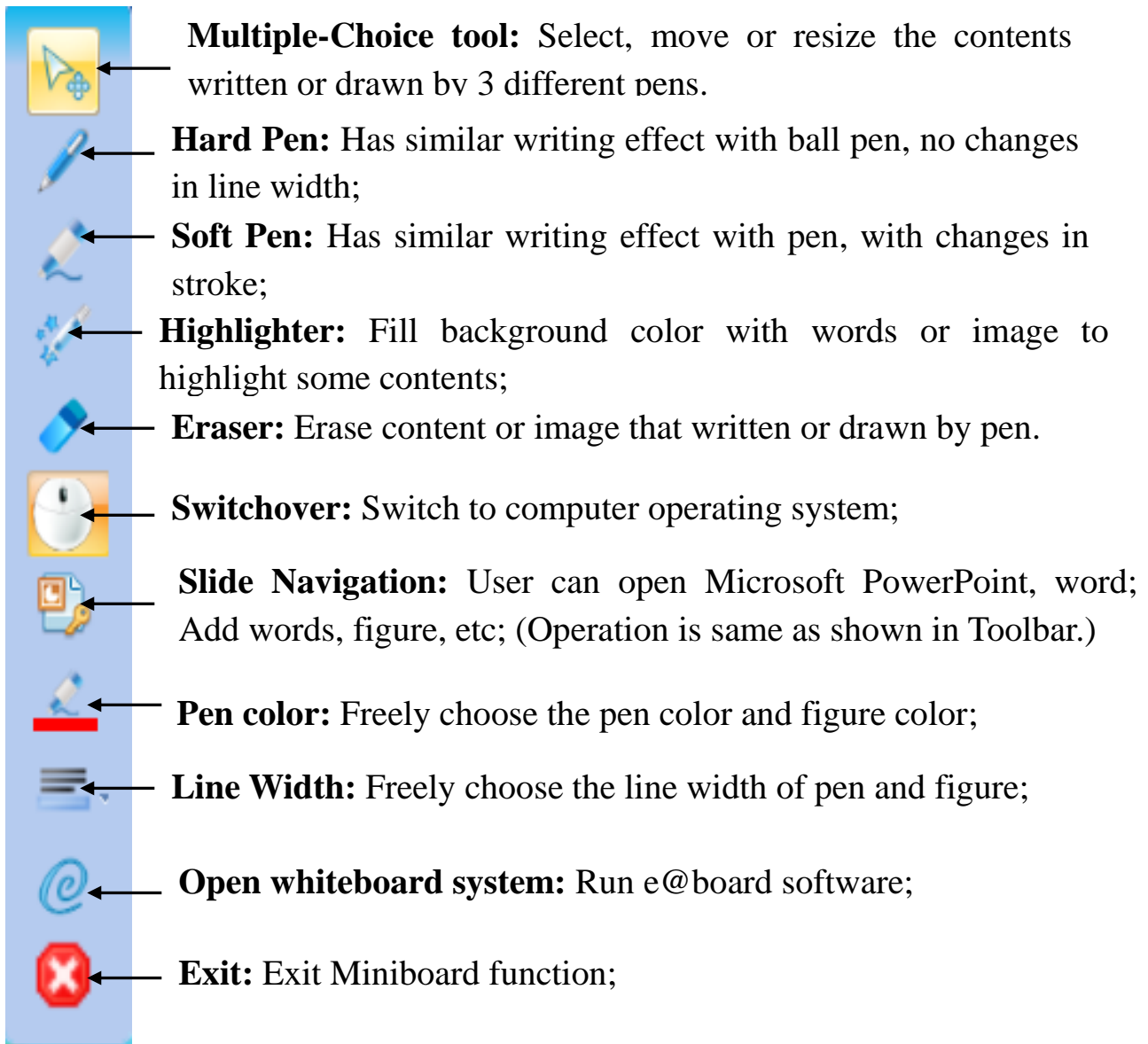
2. Instructions of Miniboard function

2.1 Open Method: Start Miniboard function from Start Menu of your computer.

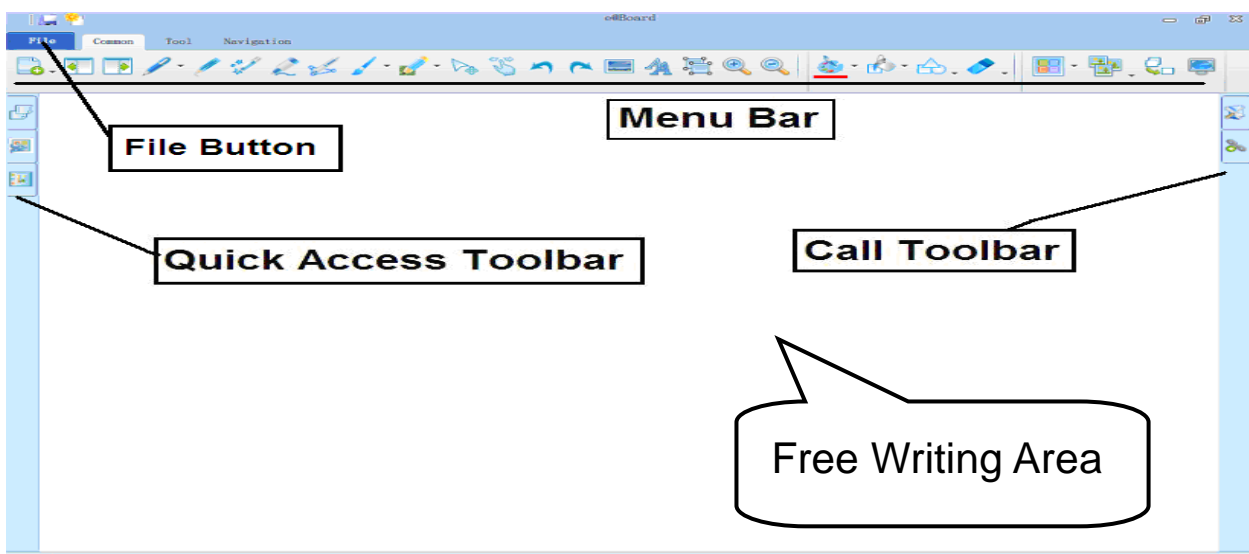
2.2 Auto Start: After you install [e@boardV6.0](#) software, the miniboard function automatically runs every time you start the computer. (If you don't like to run miniboard when start computer, please delete Miniboard function from Start menu in Start.)

2.3 Function: Function Menu is displayed on the left of desktop; you can write, move or other basic functions on current transparent page; you can use it with e@board software or use it separately.

2.4 Instructions of Menu function, as shown below:



3. Software Interface Display:

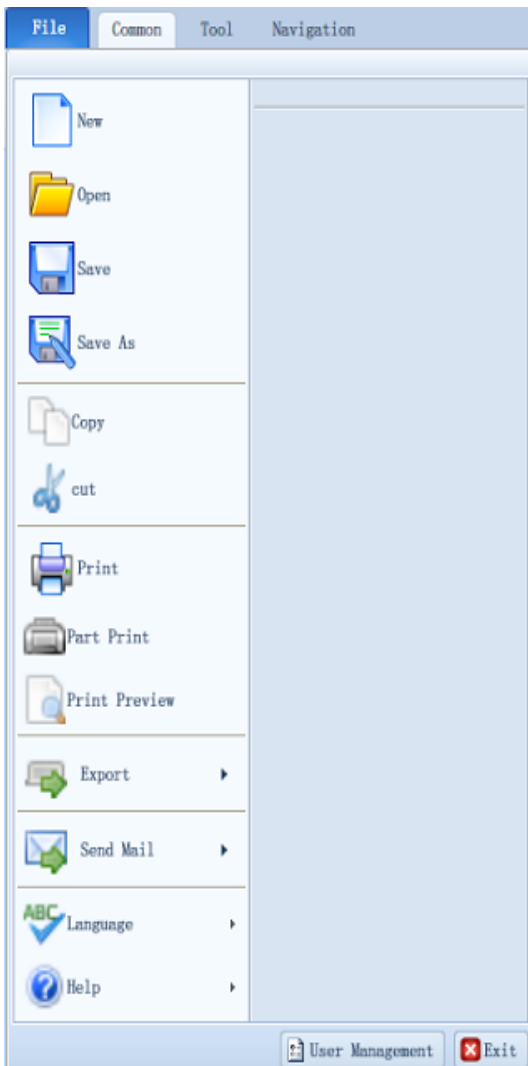


4. Instructions of e@Board software function menu

4.1 【File】



Click this button will pop up menu as shown below:



New: Create a drawing board file with ebs format.

Open: Open file with ebs format that user have saved, and on this basis user can edit it.

Save: User can save the file to be ebs, pdf or ppt format file.

Save As: User can save the file as ebs, pdf or ppt format file with different location or name.

Copy: Copy the selected stroke, picture or text on drawing board.

Cut: Cut the written stroke, picture on drawing board.

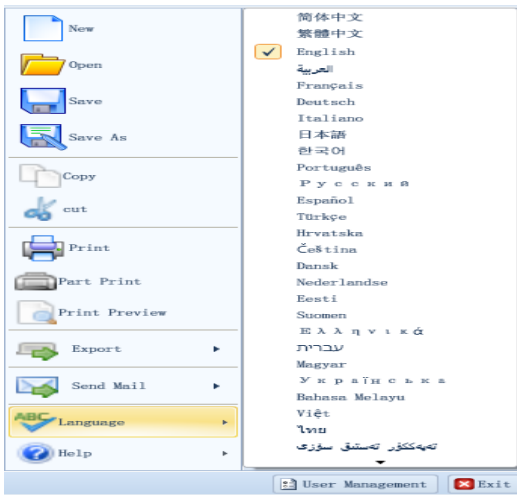
Print: Print the content on drawing board.

Part Print: User can intercept partial region contents by pulling on the drawing board (It prompts that it can be saved first.)

Print Preview: Preview print content.

Export: Export picture file with bmp, png, gif, isf and xps format; Export Microsoft Office PPT file, Word File or Excel file; Export PDF file, HTML file; Achieve conversions between various format files.

Send Email: User can send current written contents in EBS format, PPT format or PDF format file as attachment. (Please pre-set e-mail account in Outlook Express)



Language: Users from different countries, different regions can choose to switch to its own language version, so as to achieve the software versions in many languages.

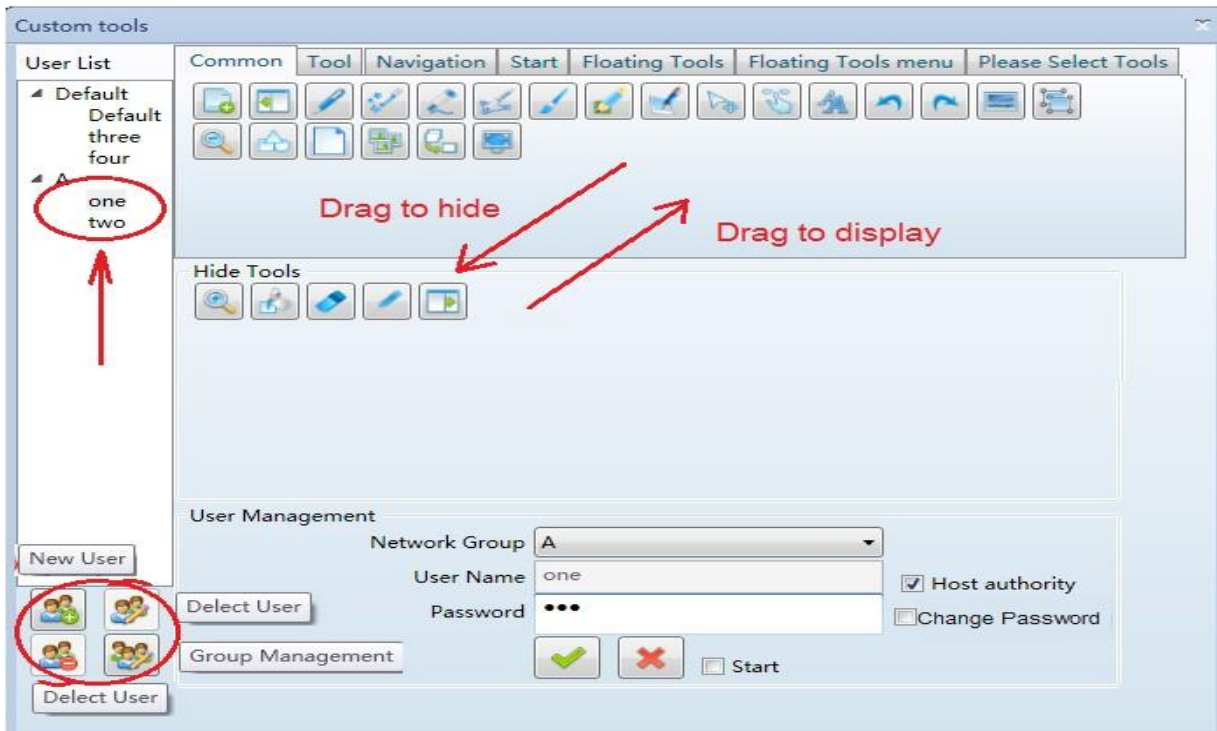
Help: User can choose to register e@Board software and other relevant contents.

User Management: User can select commonly used menus according to actual requirements; Can customize more users; Can switch between different users and also can edit user's function bar options (to be used with network sketchpad).

Exit: When use need to exit drawing board software system, please click "Exit" (It will prompt whether you want to save the content on drawing board, and you can choose to save it or not.)



Import: You can import Microsoft Office word, excel, ppt, pdf files into the board interface; Some PPT files imported as shown:





User Management(As shown in the diagram)

User Management:

- 1). User can choose the commonly used menu according to requirements, and also can customize multiple users. (Drag menu can show and hide tools.)
- 2). User can create network sketchpad user group: Click “Add user”, then click “Select Group” and enter the group name, user name and password; (The password to be entered is password that is used to log in Server and Client; Click  Select Group and  Edit Group function can switch over; Click “ Group users” can edit, delete the selected users.)



About



Register


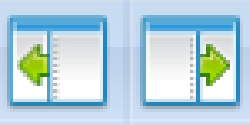






About: About e@Board interactive whiteboard software products;

Register: Provide user to register for e@Board interactive whiteboard software products.


4.2 【Common】

Common bar menu offers commonly used pen tool, figure selection, enter text, eraser, select button, drawing board, desktop switchover and other operating tools.

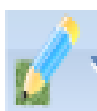


- 1).  **New Page:** User can re-create new white page, new black page, new desktop page and new image page to freely write and draw on; desktop page refers to take current computer screen page as background and directly write and annotate.
- 2).  **Previous Page, Next Page:** User can quickly flip pages.
- 3).  **Pen:** It has a similar writing effect with pen, no different thickness in lines; User can select different pen color, width, etc, as shown:

- 4).  **Pencil:** User select to use pencil to write, there is different thickness in lines.
- 5).  **Highlighter:** User can use transparent pen to fill background color with words images, it can emphasize some contents.
- 6).  **Spread pen:** User can write words or draw graphics in different color.
- 7).  **Smart Pen:** It is able to intelligently identify and reshape the graphics drawn by user.

- It supports identification of geometric figures, such as line, triangle, rectangle, rhombus, circle, arrow, etc;
 - User can fill color with intelligent identified graphic that after selected, change its line, etc;
 - Intelligently identify arrow: identify arrow that is drawn from left to right.
- (Note: It can identify graphics no more than hexagon)

8).  **Brush:** It with similar writing effect with brush, with changes of strokes.



9).  **Rainbow pen:** User can mark the important contents of words or image; pen types that user can select are as shown below:

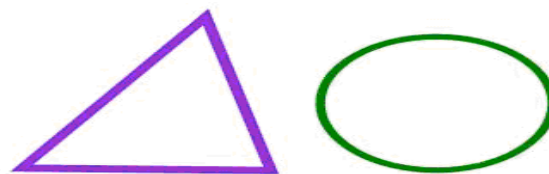


Stroke Effects of Pens as shown below:



Zhuhai Fortune Di the leading professional manufacturers of digital Technology Co., Ltd is one of interactive whiteboards in China. Besides, we have independent R & D department, and the software is developed by ourselves, and we can change the functions of our software according to our customer's actual needs.

Transparent Pen



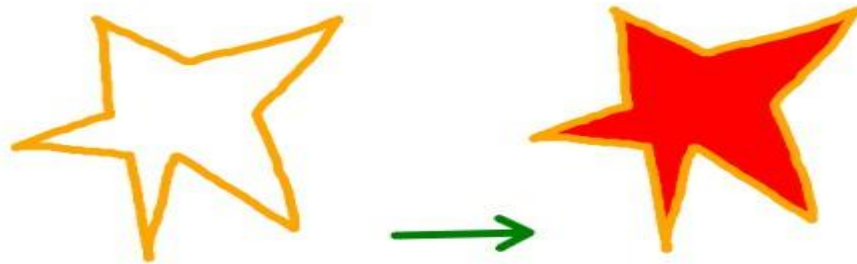
Smart Pen

10).

Hand Drawing and fill color: Can draw graphic in different shape, and can fill color with figure.



(Note: First draw a graphic by one stroke, then fill color with it as shown below:



(Hand drawing)





11).












Multiple-Choice: User can select, move, copy, change color or change color with the content on drawing board; After select object and then click drop-down menu, specific operation is as shown in the following table. (Though the functional keys shown after selection have little difference, the function are similar.)

● **Handwriting Tool Manu/ Graphical representation:**



	Pen Color	Select pen or graphics color;
	Line Width	Change freely for pen or graphics line width
	Show/Hide Tags	Show calculate result for graphics or intelligently graphics, such as :edge, circumference, area and other data; hide the date if click again, as bellows;
	Animation	Can play animation for the whiteboard writing stroke or graphics;



	Fill Color	Fill color with current planar geometry graphic
	Cut	Cut current selected strokes, graphic, textbox;
	Copy	Copy current selected strokes, graphic, textbox;
	Upper layer	Display the current stroke, graphic, picture to upper layer.
	Lower layer	Display the current stroke, graphic, picture to lower layer.
	To top	Display the current stroke, graphic, picture to top
	To bottom	To display the current stroke, graphic, picture on lower layer.
	Delete	Delete current selected strokes, graphic, textbox, show/hide tags
	Lock	Lock current selected strokes or graphic, and operation can't be done with locked object; Click object again can unlock tags and can restore operation

● Right Click Menu Operation


Right click the graphic, and tool menu will pop up, as shown below:


1). You can click Link Menu, and input website, then click the link again to open the website; if you don't need IE browse, click Quit to close the link;




2). You can click sound menu, to play audio documents (with wma. wav. mid. mp3 formats); if you don't need to play a sound, click stop;

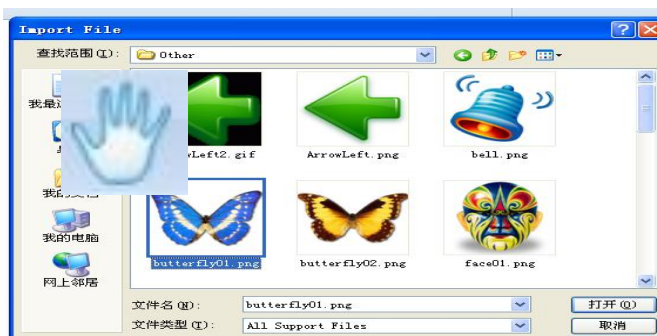


12).  **Roam:** User can drag and roam current content by full page, which is equivalent to extend current writing page unlimitely.

13).  **Undo, Redo:** User can undo all kinds of strokes on current page; It is a returned action with undo.

14).  **Import Picture:** You can browse and insert general format picture, audio, video and other resources.

- You can insert the selected picture to the drawing board, supporting bmp. jpg. png. gif. emf. etc formats; You can also use Cut, Copy, Delete functions to edit it;




- While using the drawing board, you can also play audio file with mp3, wma, mid, wav formats;

- You can play video file with wmv, avi, asf, mpg formats (In window mode, our can directly drag picture, video or audio files to the drawing

board to insert or play them).

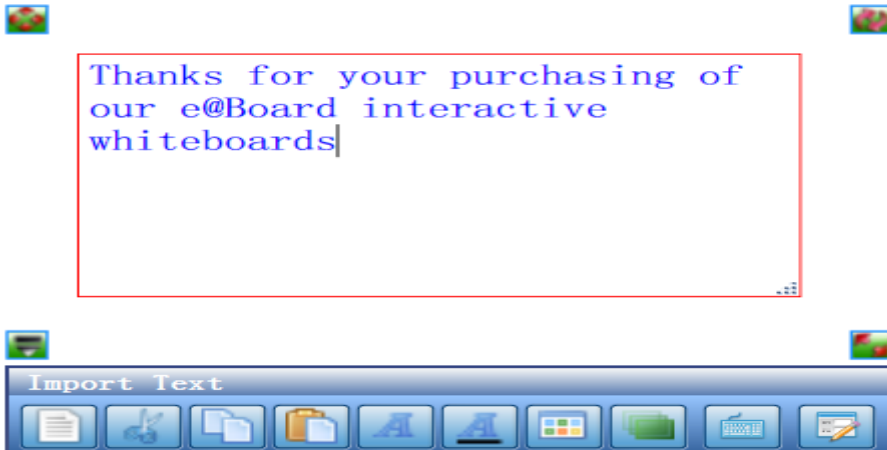


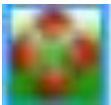
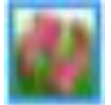
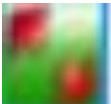
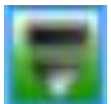
(audio. video play)


- 15).  **Textbox:** User can enter standard fonts or change color of fonts on the writing board with textbox.

Instruction of functions as below:


- User can enter standard words or text content on writing board by using text box.
- User can edit text by using of screen keyboard.
- User also can insert words or text by using Handwriting Recognition.




	Drag		Rotate
	Zoom, Resize		Edit text, such as copy, paste, font, font color; also can resize the text box by dragging bottom right of the text box.


16).  **Cover:** This function allows audience to focus on a partial content by covering the other contents; User can drag cover screen to cover any content.

- Click top left button with a mouse then pop up control menu.
- User can change its size or color according to actual needs, and click Exit when it's not in need.

17).  **Zoom In, Zoom out:** User can zoom in or zoom out the content on drawing board.

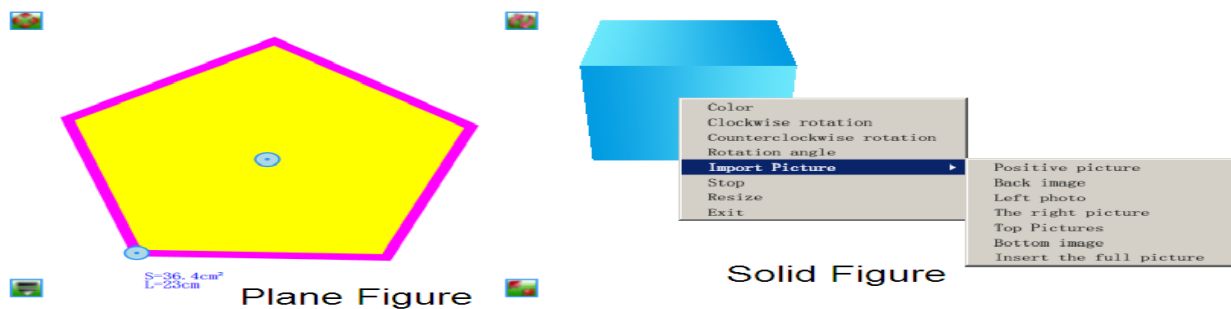
18).  **Fill Color with geometric figure:** User can fill color with selected geometric figures, graphics that drawn by hand writing pen and smart pen;

- You can change the fill color of the selected geometric figures;
- You can also select the graphics, and then click handwriting tool 1 in the bottom left corner, to change the size, color or others of internal and outer frame.

19).  **Geometric Figure:** User can select rubber band, rectangle, circle, triangle, parallelogram, pengagon, rectangular coordinate system to draw graphics; also can copy, change color and calculate the selected graphics.




Effects of some Shapes:



- User can freely choose plane geometric figure or grouping figures to change their color, calculate their size;


- If you choose solid figure, click the figure and it will pop up menu; you can choose different colors and freely insert pictures; Click rotation can achieve dynamic effects.

- Select rubber band can freely draw polygon; (Note: Click the right mouse button can exit the last point connection.)


20).  **Eraser:** User can choose to erase stroke, graphics, inserted pictures and clear all.

- Erase by stroke including erase all handwritings, geometric figures, and the graphics that drawn by rainbow pen or hand drawing pen.
- User can erase by round, by square; Such as strokes written by pen, pencil, spread pen, transparent pen, writing brush, etc;
- Erase imported pictures, courseware resources, videos, audios and text by picture eraser.
- Clear all means clear all contents on current page. (Exclude solid figures)




21).  **Skin:** User can achieve different drawing board interface by freely choosing different skins.




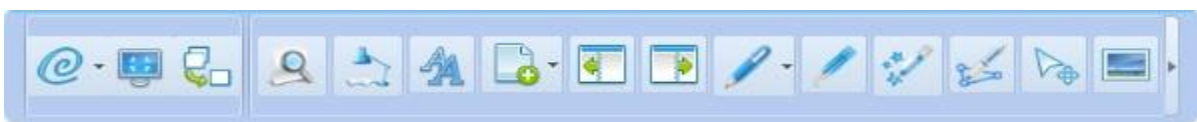
22).  **Change background:** User can freely choose different color or picture to be used as drawing board background.



- User can select white background, black background, pictures (with png, bmp, jpg and gif formats) chosen from computer and drawing board to use as background;
- User can select screen background of current computer desktop; User also can change the color of background;
- User also can quickly choose different texture lines, such as Tina Zip Gee, Ping Yin, Letter Paper, etc.

23).  **Switch to System:** Click this button can switch to computer desktop and it's shown at the right bottom of computer desktop; click it again, can switch to drawing board interface

24).  **Full Screen Mode:** Suit for single page or multi page soon writing; can switch to full screen mode, click again, switch to windows mode, user can freely move the menu by clicking surrounding of the menu.



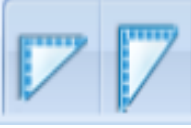
(Menu function and operation are same as Common bar and toolbar.)

4.3 【Tool】 Bar

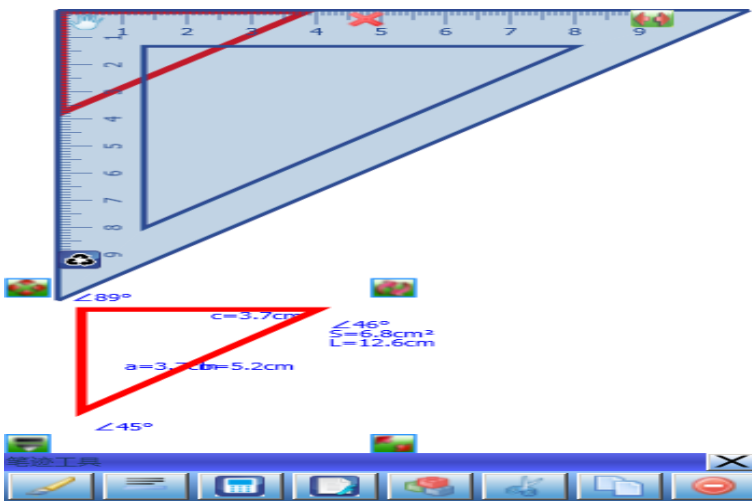
Providing a variety of tools to assist operation use of drawing board, such as searchlight, curtain, handwriting recognition; details for using as shown



below:




- 1).  **Triangle:** User can use 30-60 triangle and 45-45 triangle, and there is adjustable button convenient for using.


Detailed operation: Click the above scale line or stretch along the scale line; user can copy the selected triangle, change its color and calculate it.

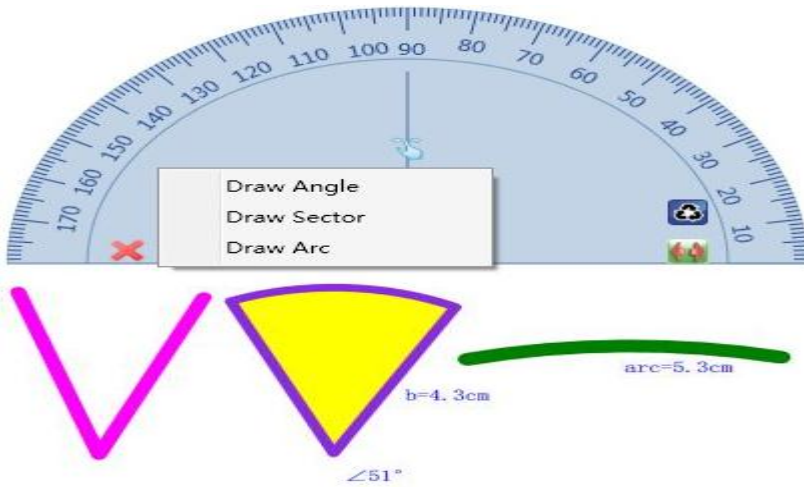


	Drag
	Close
	Rotate
	Stretch

- 2).  **Ruler:** It is a tool to be used for measuring length; User can freely move ruler by clicking it and the right line is used to adjust ruler length; User Operation Buttons have same operations as above.



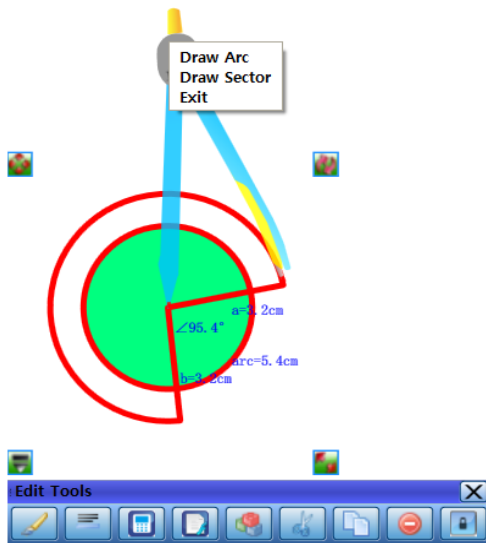
- 3).  **Protractor:** It is a tool to be used for measuring angle; before using, first click the protractor, you can select to draw angle, sector and arc from the pop-up menu; Operation Buttons have same operations as above.



4).



Compass: A tool is used for calculating and drawing a circle, an arc and a sector; Can freely fill color and make other edition after selected it.



- Right click compass or the pointer stay for 2 seconds, it will pop up menu for you to draw arc, sector and exit.
- Adjust the size of radius by the blue feet on the right, and to draw by the yellow feet.

5).



Insert Table: Click it and user can insert table, chart features are available; user can freely edit in the table, and generate a variety of charts.

Calculator can assist the calculation of table; chart can be generated into graphics and legend.

- (1) Right click or make the pointer stay on the whiteboard for 2 seconds then it will pop up menu for you to make edition;
- (2) After select table and click the menu in lower left corner, you can copy, delete the table;
- (3) To drag the square icon in the bottom right can stretch and change the size of the table.

0	1	2	3	4
Name	Subject	Subject	Subject	
Class One	Chinese	English	Maths	Total
Kevin Zhang	90	95	95	280
Lily Xu	90	96	90	276
John Huang	96	90	95	281
Mathisha Han	90	98	85	273

6). **Timer:** User can use time or countdown to make definition and record time.



- Clicking time again, user can readjust timing time.
- Dragging mouse on white button, user can adjust the countdown time; Close it when it's not in use.

7). **Magnifying glass:** User can magnify local region or image with magnifying glass.



- Put pointer stay on magnifying glass about 3 seconds (It's equal to mouse right-key), it will show adjustment options;
- Freely adjust the size, shape, magnifying times of magnifying glass; When not in need, click Exit.

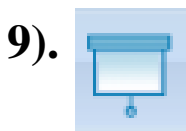


Spotlight: Click spotlight can highlight contents of local region.

- Put pointer stay on magnifying glass about 3 seconds (It's equal to mouse right-key), it will show adjustment options;

- User can write in highlighted local region of spotlight; Click spotlight border, user can change its size by dragging spotlight;

- Freely adjust transparency of the surrounding environment, select different shape, background color will have a different result.



Mask: User can freely adjust the size of whole image to display or shelter; User can freely adjust it by mouse dragging inner border.









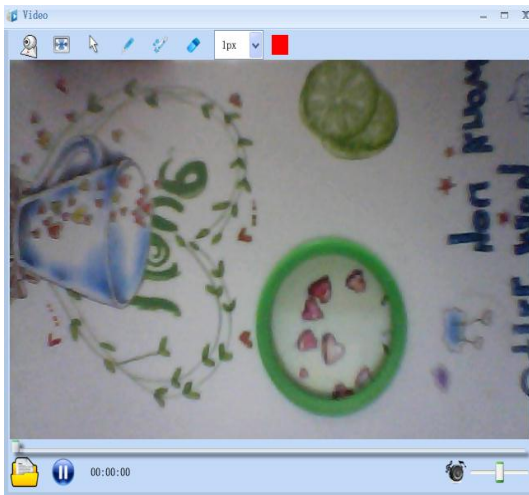
10). **Media Player:** User can play files that recorded with drawing board screen; while playing a file, user can also freely write and annotate in the playing window; While opening computer camera, user can freely write, annotate in the playing window.




Button functions are as following table (Remark: media player should be media player10 or higher version)



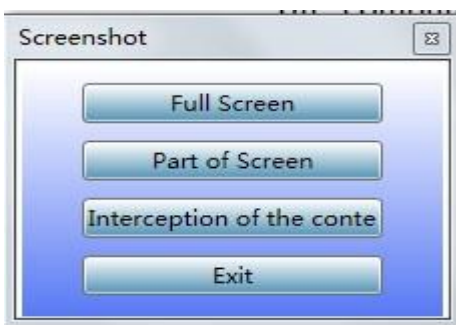
	Computer Camera		Transparent Pen
---	-----------------	---	-----------------

	Screenshot		Eraser
	Select		Line width
	Pen		Pen color



	User can play video with wmv, asf, mpg, avi formats; User can also play flash with swf format.
	Start or pause
	Capture screen, can capture picture during playing to the drawing board interface.

11). 




Screenshot: Intercept current target area on computer desktop and paste it to the writing interface. “Full Screen” is to intercept full screen, “Region” is to intercept square area dragged by mouse and paste it to current writing interface of drawing board; When not in need, please click “Click”.



As shown on the left figure, you can edit with the screenshot of Part of screen and contents on drawing board



12).  **Playback:** User can playback the operating process of writing or picture on current drawing board; user also can adjust playing speed.



13).  **Slide Page Navigation:**

● User can open Microsoft powerpoint, word files and add words, graphics and other annotation operation; Detailed operations are as following: Click “ Slide Navigation”, select file and then it will pop up navigation buttons;



While clicking “Previous page” or “Next page” to get slides, user can add words or graphics on current slide; Click “Embed” then user can add words or graphics into Microsoft powerpoint slide , word file to make annotation.



14).



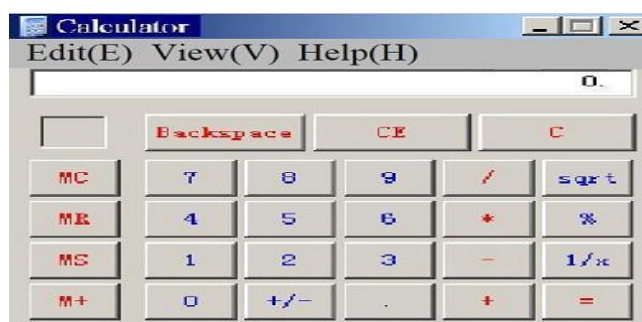
Soft Keyboard: User can call screen keyboard so as to enter text font. If user wants to change language, please first click “Shift”, then click “Ctrl” to change language.(Remark: click nlk to open or close number key.



15).



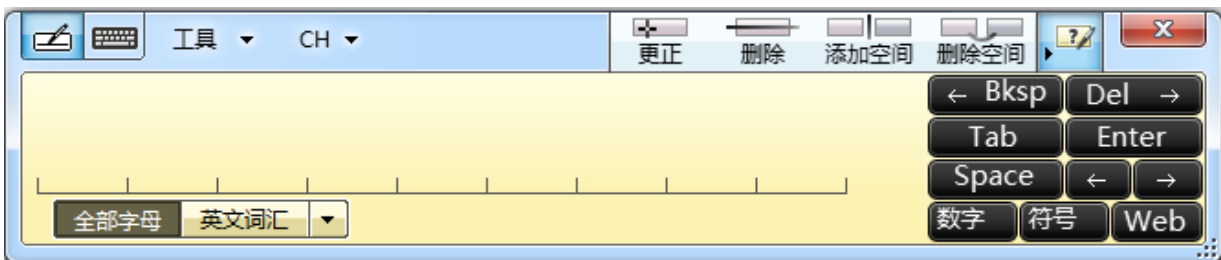
Calculator: User opens calculator and it will float in the drawing board, then user can easily make mathematical operation to get some needed numbers.



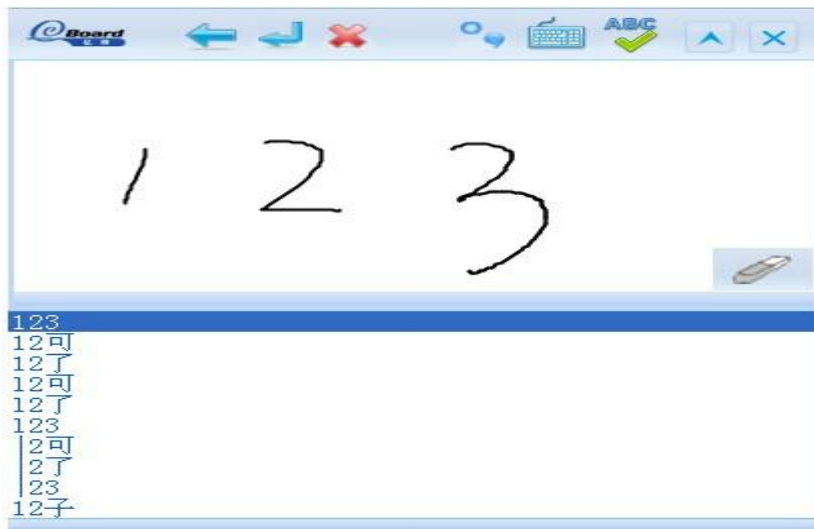
16). Handwriting Recognition


Open the handwriting recognition toolbar, user can write by working with textbox on writing board or whiteboard.


- User can use handwriting recognition in windows 7 operating system;

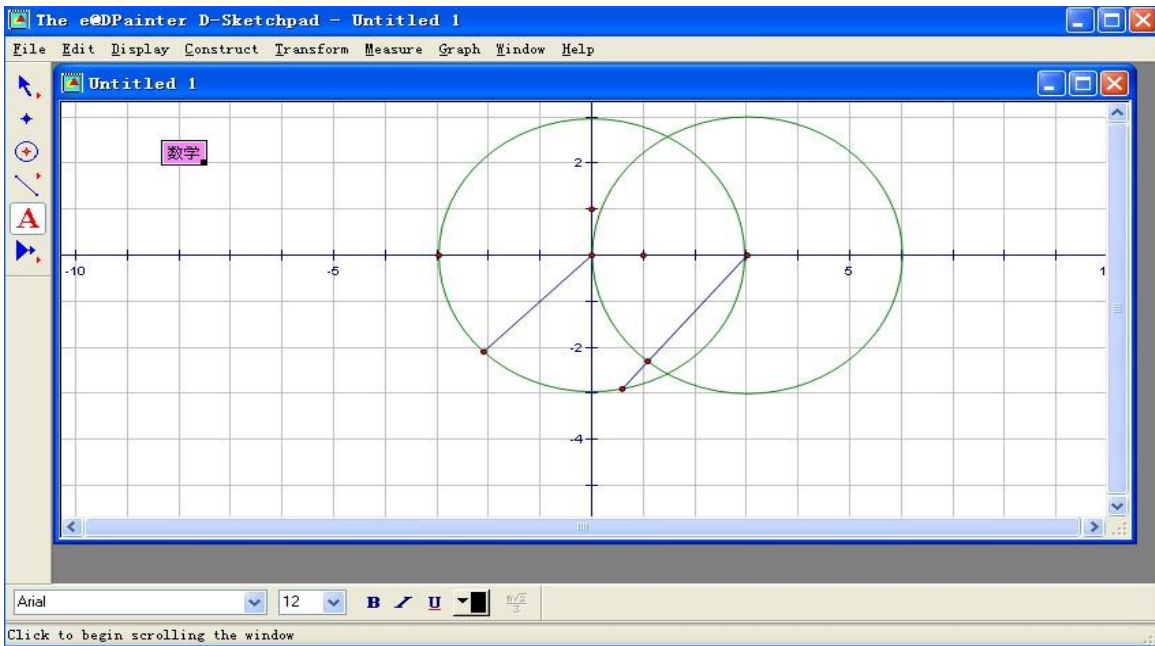


- User can use handwriting recognition function in windows XP operating system;



- 17).  Online Translator: Online translator gets help from network platform, which is equivalent of Google translation and Bing translation.

- 18).  **Dynamic Digital Sketchpad:** User can use dynamic digital sketchpad when need to design sophisticated drawings.



21).

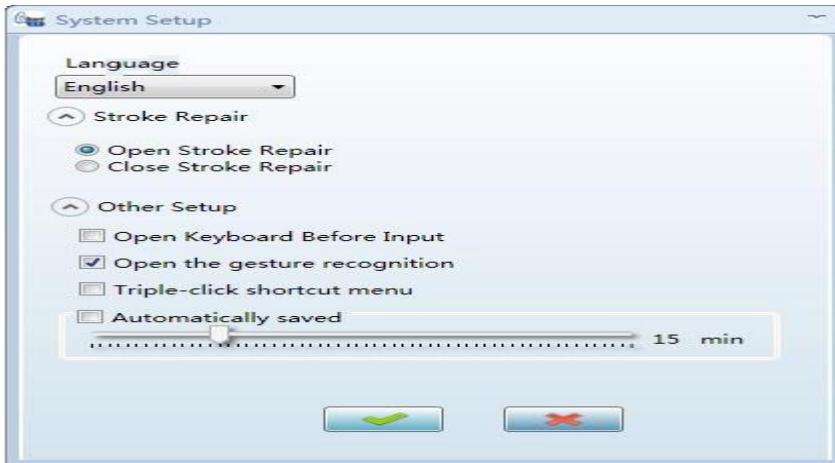


Screen Recorder: Click screen recorder then user can record operating process and steps of current page; Green button is to start recording, Red button is to stop record and save it as video file with avi format, Black button is to open and play the saved video file.

22).



System Setup










- User can choose multiple language settings (It shows corresponding language when user opens the drawing board once again);
- Open stroke repair can make the writing stroke more smoothly;
- User can choose other setup according to actual needs during using the drawing board: choose to open keyboard before input, open the gesture recognition, triple-click shortcut menu, automatically saved.
- Click handwriting recognition according to needs; Continuously click 3 times on the writing interface, then it will pop up shortcut menu and can operate just by selecting tool as shown below:

User can achieve a variety of shortcut functions just by operating on the whiteboard with 2 or more fingers, and the functions are shown in following table.



Gesture operating instruction:

 N	N : Can create a white page
 O	O : Can insert the current picture to the whiteboard interface(equivalent to insert picture function)
 C	C : Can close or exit the software
 clear	Clear: Operating by coming and going can empty the contents of the page.
 (Up-Right)	Up-Right: Can switch over between the software and computer desktop to the writing interface.
 (Down-Left)	Down-Left: Can minimize the writing software and the computer desktop to the computer taskbar.
 (Left)	Left: whiteboard page turning function.

23). User Management:

User can select from customized menu function in options, User can also select the commonly used menus.

4.4 【Navigation】

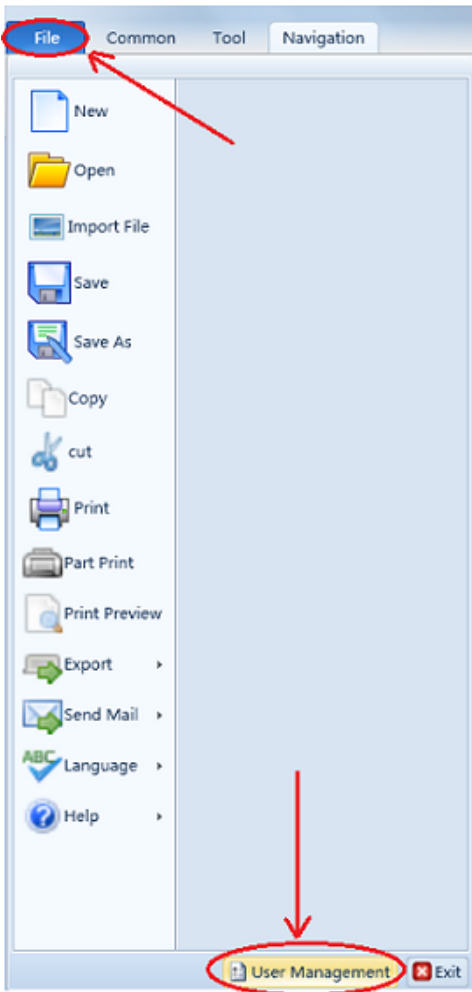


Network Sketchpad: User can achieve the synchronous writing or drawing function among multiple pieces of e@board whiteboards by using network sketchpad, to achieve interactive operation among sketchpads;




login server, login client, logged

【Create group user in server end】

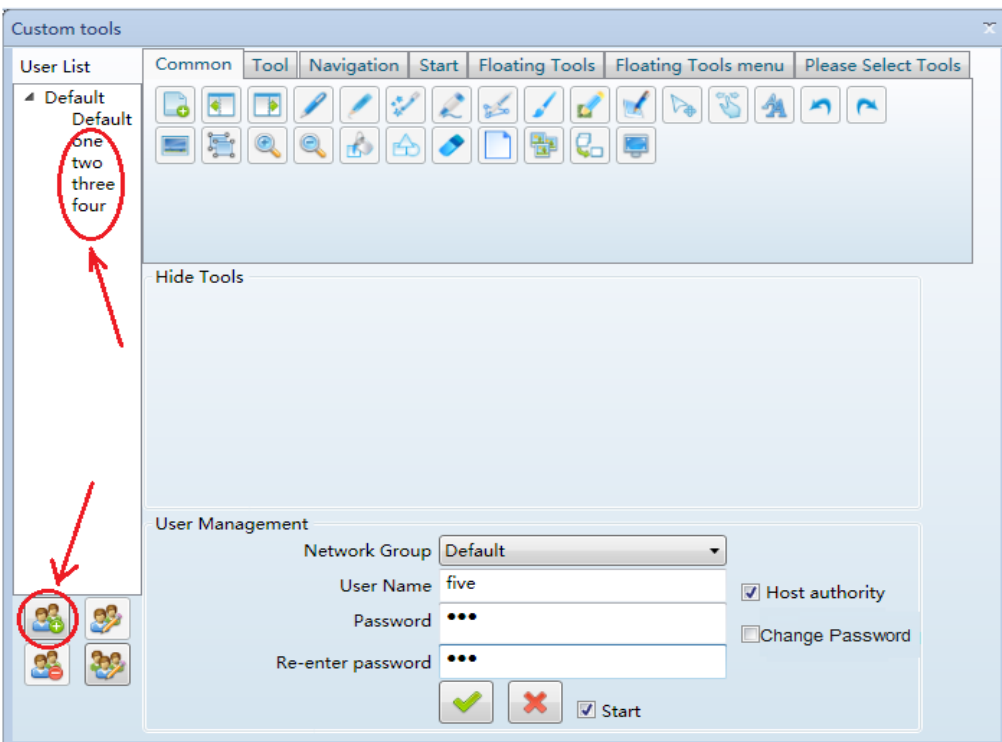


(Figure 1)

Step 1: Click “File”, then click “User Management” will pop up customize tool menu (as shown in Figure 1)

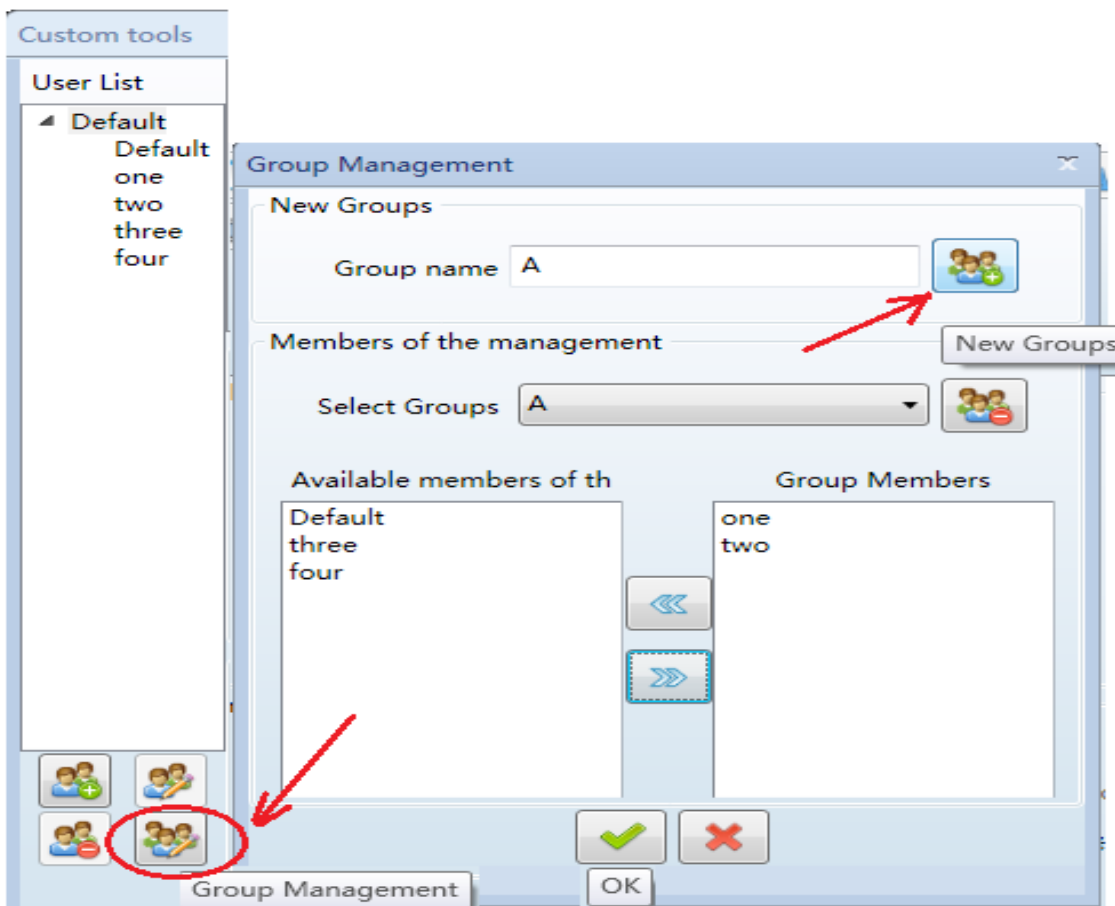
Step 2: Create drawing board user (Or network sketchpad user): Click “ New User”, input User Name and Password and then click  is ok(as shown in Figure 2)

Note: The User Name and Password that you entered are the User Name and Password that you use when log in from server end and client end.



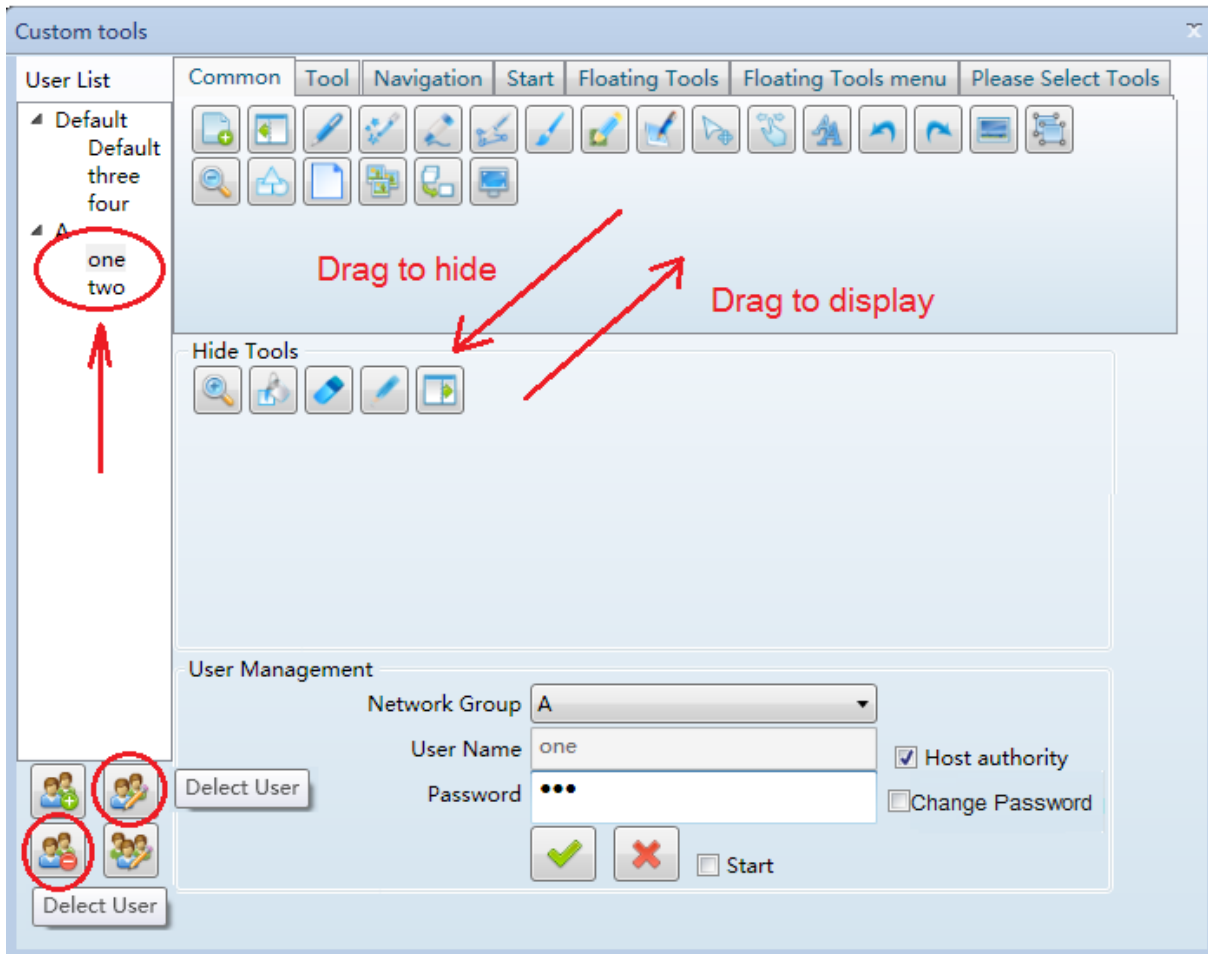
(Figure 2)

Step 3: Click” Group Management” to create new group (Such as A group), Select” available members of” then can add the selected members to “Group Members” and then click “OK”(as shown in Figure 3)

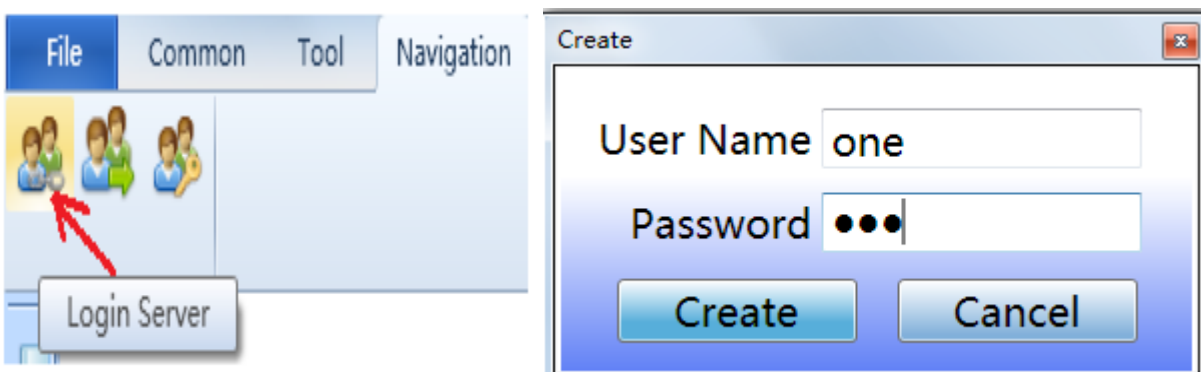


(Figure 3)

Step 4: Edit with the new users; First click user name (such as One user), then click “ Edit User” or “ Delete User” , and you should enter the password and then click “OK” (as shown in Figure 4). (Note: Click” Start” button will show the status of current user.)



Step 5: Click “Login Server” to log in, and enter new user name and password (such as one customer) then click “Create” is ok.



【Login Client】

Click “Login Client”, enter the IP address of the server computer, the user name and password that have been created in the user list (such as two user)

and then click “Login” is ok.

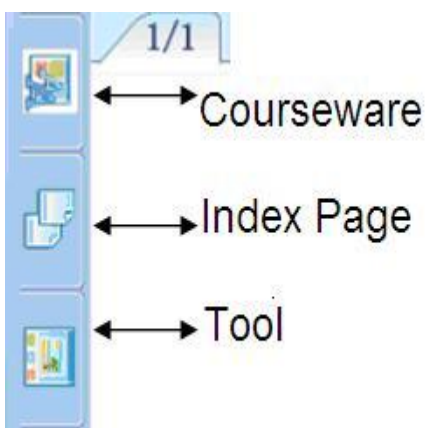


***Note:** The IP, User Name and Password of the user that log in from Client end are provided by server end user.

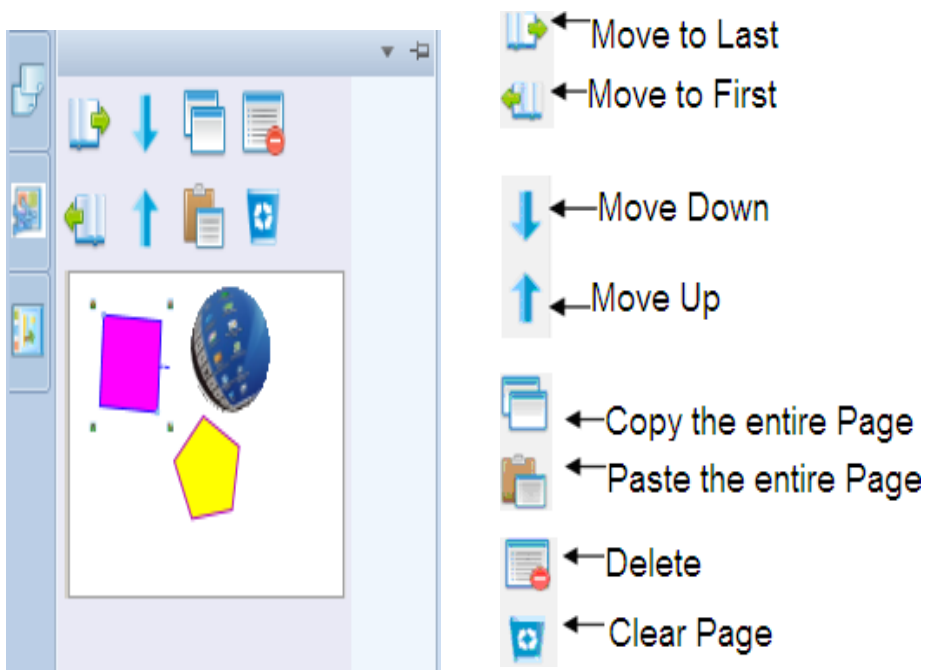
(**Tips:** 1. When Edit group name, user name from Server end and Client end should input English characters as identification; the password can be entered in number and English characters; 2. The users created by sketchpad or logged cannot be more than 10)

4.5 【Quick Access Toolbar】

Move the writing pen to the left side of writing board, it will pop up page index automatically, move the writing pen away, it will hide automatically.



1. Page Index: Can change the order of current page or selected page, and make it to be the current page and displayed on the writing board; Can select, move, edit with the entire current page; Instruction for button operation as shown below:

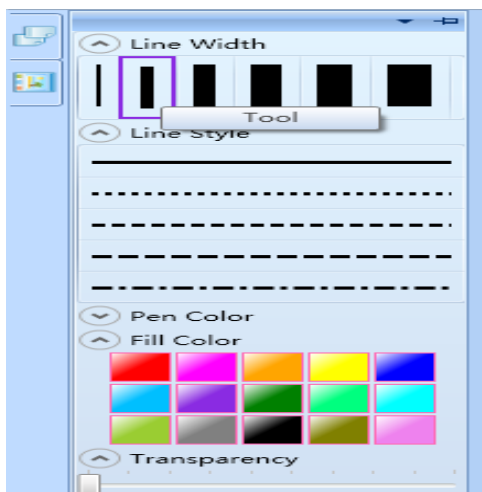
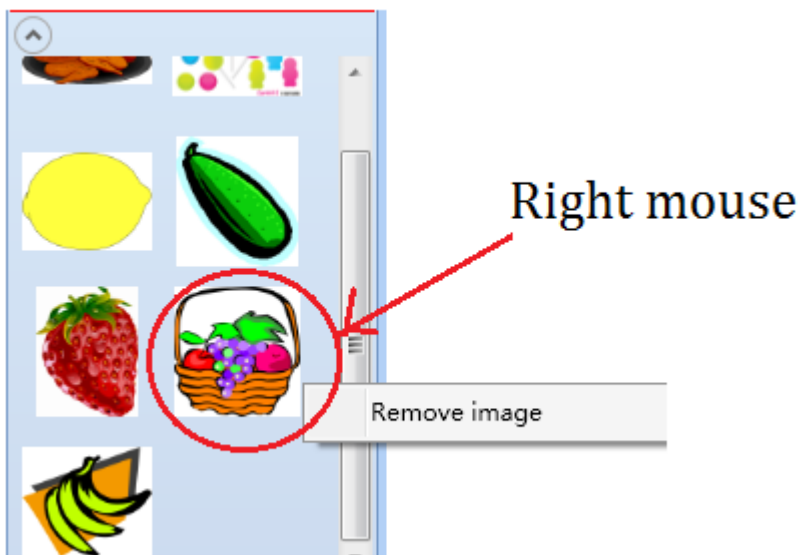
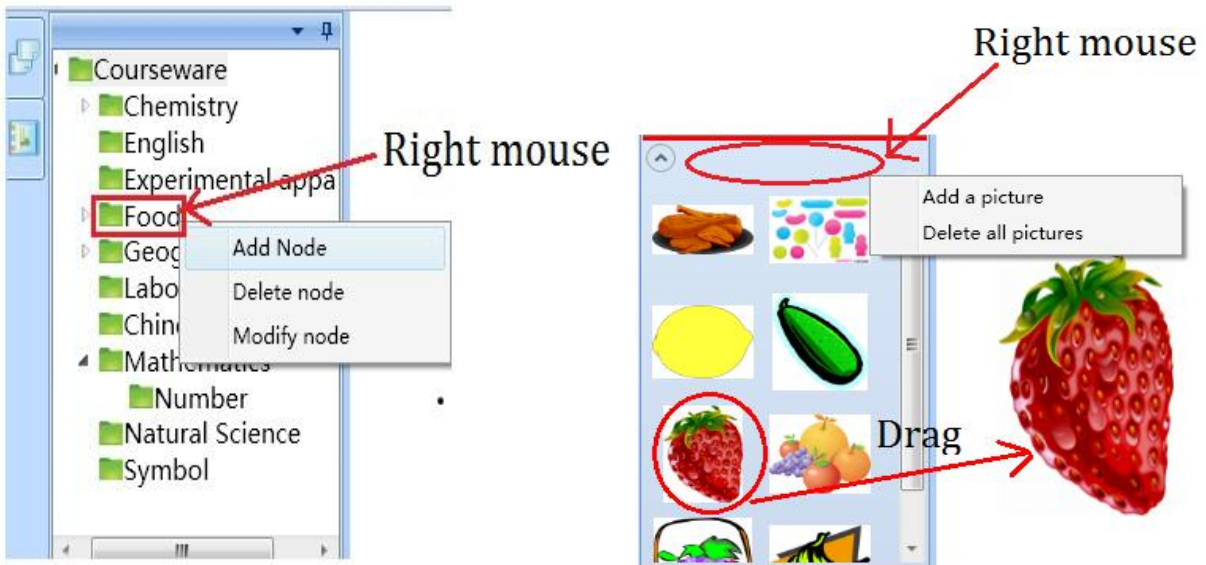


2. Courseware: e@board software provides rich courseware resource, user can directly use them on the whiteboard.

- User can use the courseware just by directly drag it to the drawing board interface.
- User can also add or remove resources in the courseware resource folder.

(Operating method: Click the right mouse or make the pointer to stay for several seconds, it will pop up menu to add, delete resources; the picture can be added with formats: png, jpg, Bmp)

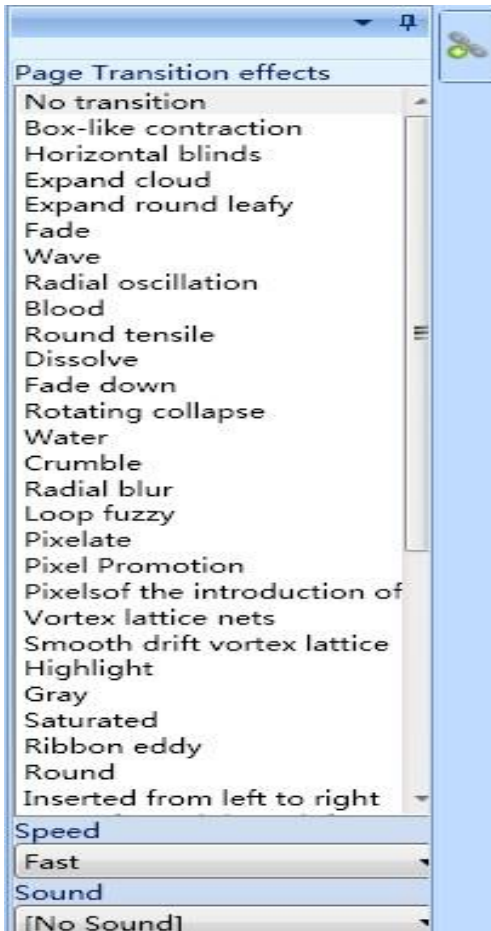
- Can freely add, delete or modify with courseware resource, some operations as shown below:



3). Tool: can quickly select the width , style and color of pen and geometric figures;

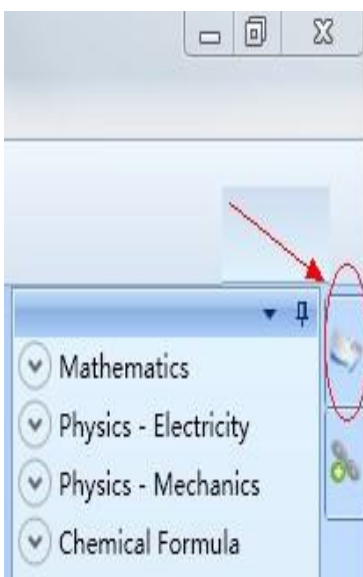
4.6 【Call Toolbar】

When you move the pointer to the right of writing board, the menu will pop up the auto show/hide page index; when you remove the pointer, it will automatically show or hide.



1) Page Transition Effects: Can freely select the display effects of the drawing pages, including:

- Selection of display effect of page, the screen display speed; select and click the effect then can be used.
- Selection of sound effect of the display page
- Can apply display effect to a single page, also can apply display effect to all pages



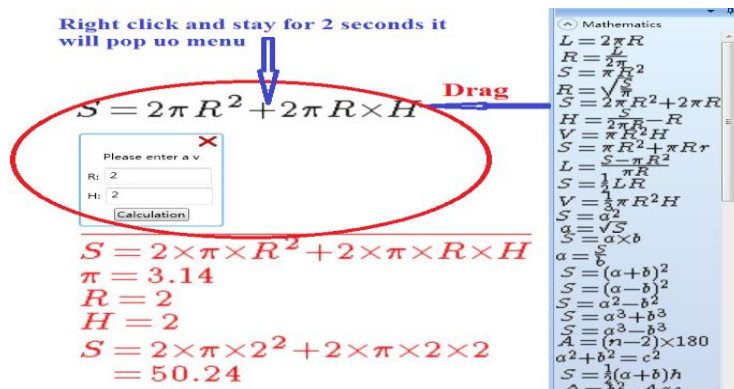
2) Simulation courseware resources: Can quickly select and use the mathematical simulation formulas to make calculation; Can simulate physical experiments; Can quickly check the chemical formulas (Just need to drag the formulas or experiment tools into the drawing board).

Demonstration of some courseware as shown below:

Math demonstration: Drag the math formula into the drawing board interface, click the formula and it will pop up the menu then enter the value and click calculate to calculate the result.

Right click and stay for 2 seconds it will pop up menu

Drag



Please enter a v

R: 2

H: 2

Calculation

$S = 2 \times \pi \times R^2 + 2 \times \pi \times R \times H$

$\pi = 3.14$

$R = 2$

$H = 2$

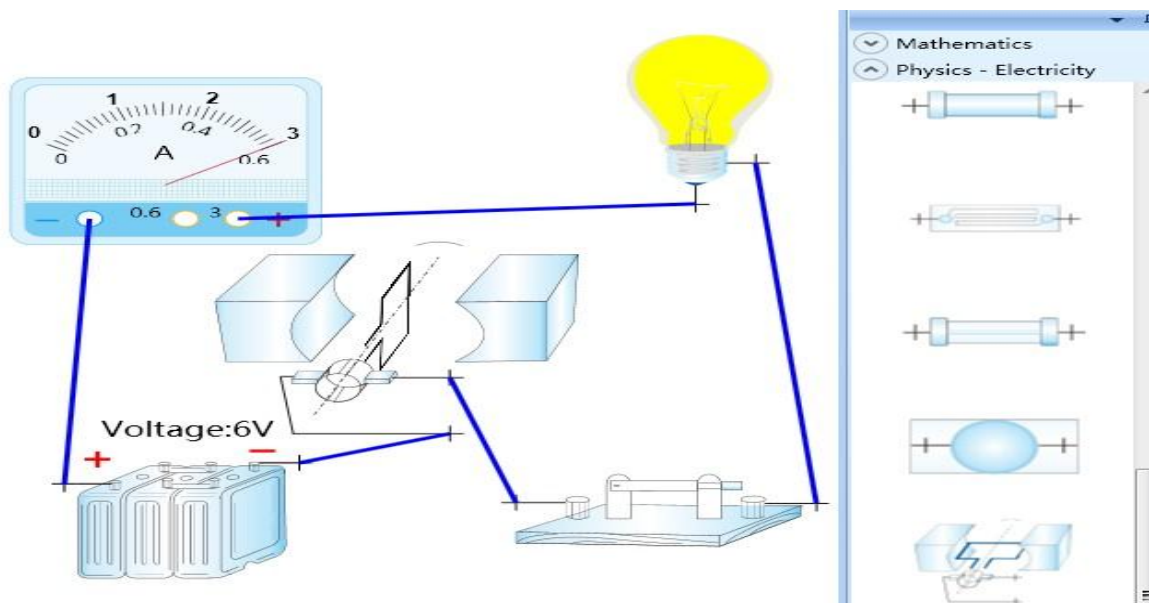
$S = 2 \times \pi \times 2^2 + 2 \times \pi \times 2 \times 2$

$= 50.24$

Mathematics

- $L = 2\pi R$
- $R = \frac{L}{2\pi}$
- $S = \pi R^2$
- $R = \sqrt{\frac{S}{\pi}}$
- $S = 2\pi R^2 + 2\pi R H$
- $H = \frac{S}{2\pi R} - R$
- $V = \pi R^2 H$
- $S = \pi R^2 + \pi R r$
- $L = \frac{S - \pi R^2}{\pi R}$
- $S = \frac{1}{3} \pi R^2 H$
- $V = \frac{1}{3} \pi R^2 H$
- $S = a^2$
- $a = \sqrt{S}$
- $S = a \times b$
- $a = \frac{S}{b}$
- $S = (a+b)^2$
- $S = (a-b)^2$
- $S = a^2 - b^2$
- $S = a^3 + b^3$
- $S = a^3 - b^3$
- $A = (r-2) \times 180$
- $a^2 + b^2 = c^2$
- $S = \frac{1}{2}(\alpha + \beta)h$
- $\Delta = b^2 - 4ac$

Physics-Electricity demonstration: Drag the experimental components into the drawing board interface, and then connect the components can be achieved.



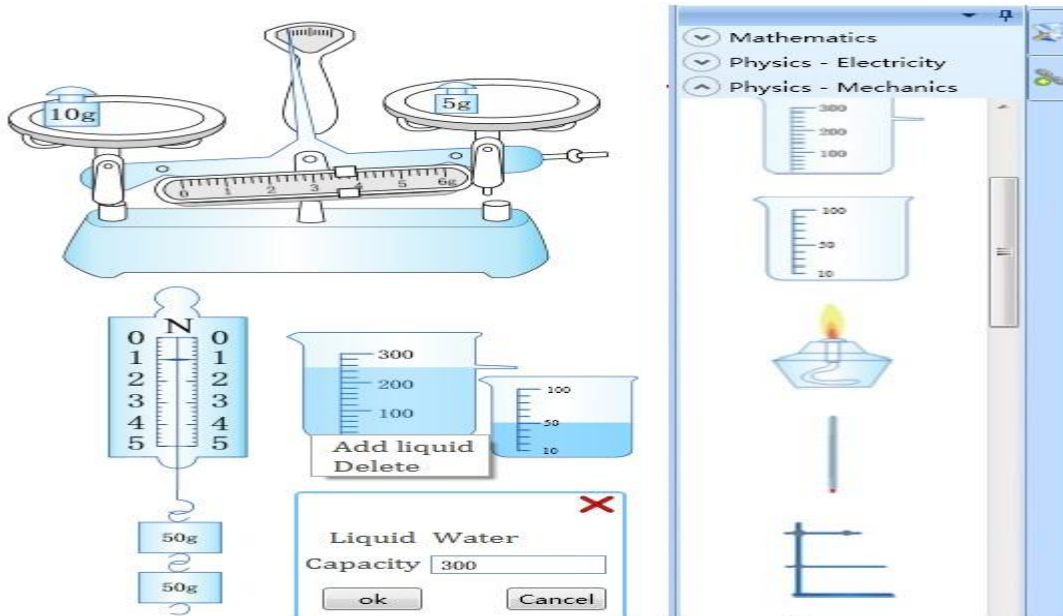
Voltage: 6V

Mathematics

Physics - Electricity

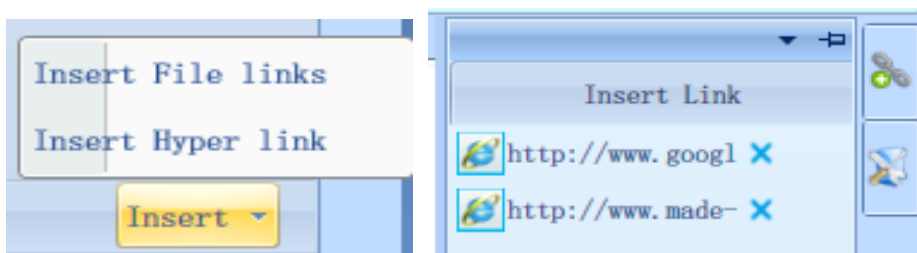
- Battery
- Switch
- Resistor
- Light Bulb
- Motor

Physics-Mechanics demonstration: Drag the experimental components into the drawing board interface, and then connect the components can be achieved.





3) Connect Tool: User can choose to insert file or insert link;

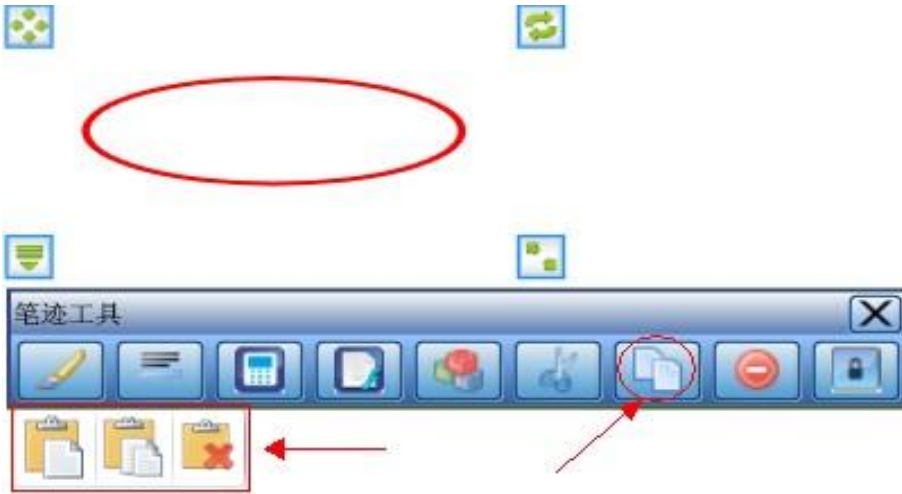
- Insert file links: User can add current pictures, files in computer or QQ program into the list, and double click it to open it, then user can use whiteboard operation as well as use external tools;
- Insert hyper link: user can input website and load it to the list, then double click to open it, user can use whiteboard operation also can inquire or browse the Internet.



4.7 【Other Button】

After click Copy , then it will pop up the button  in the drawing board interface (If turning page between previous or

next page, the button will display in current page) as shown below:



Paste: If click this button, you can paste the copied shape or picture for one time.



Quick copy: If click this button, you can paste the copied shape or picture for many times without limitation



Clear Clipboard