

WHITEBOARD

 FLEXSTON

user manual

Detail is Service

www.flexston.com

An abstract graphic consisting of several thin, curved lines that originate from the bottom edge of the blue header bar and extend downwards and to the right. Interspersed along these lines are small, semi-transparent dots in shades of blue, grey, and black.

Content

CONTENT	2
WHITEBOARD INTRODUCTION.....	3
FEATURES:.....	3
SYSTEM REQUIREMENTS	4
SOFTWARE INSTALL AND UNINSTALL.....	5
INSTALL.....	5
UNINSTALL	8
WHITEBOARD FUNCTIONS	10
INTERFACE	10
BOTTOM HORIZONTAL TOOLBAR	10
RIGHT SIDE VERTICAL TOOLBAR FUNCTIONS	13
LEFT SOURCES FUNCTIONS	19
BOTTOM RIGHT CORNER FUNCTION	20
RIGHT CLICK MENU FUNCTIONS	20
WHITEBOARD SERVER.....	22
FAQS FOR USING WHITEBOARD:	28

Whiteboard introduction

Whiteboard is a kind of software which designed by our factory mainly for education; teachers can use it together with an interactive whiteboard in the classroom, presenting students' homework or courses on the whiteboards, and make notes together with microphone, record the whole class and upload on the web for students download review at home. Students or teacher can also use it as a painting tool, drawing pictures or playing for fun. Making a vivid and interactive environment for students study.

Features:

1. Two people write simultaneously.
2. Two fingers gesture control (zoom in/out, rotate)
3. Support Microsoft surface multi-touch
4. Teacher prepared courses/e-books for class can easily add into the software.
5. Teacher can drag tremendous video/flash/PDF/JPG/PPT/word.....into the software and play at the same time
6. Google search directly through the software, drag the webpage into the software and zoom in/out by two fingers.
7. Hyperlinks word/excel/ ppt/ video/ flash/jpg/ png/music..... for the selected object.
8. Record and play (teachers can record all the operations on the software and save and upload for students download).
9. No need to exit the software and operate computer desktop directly.
10. Hand writing recognition (hand write words, and system will change to standard words automatically).
11. Smart pen change hand write irregular line/circle/Triangle/ into standard.
12. OEM languages, logo, business card and appearance.
13. Insert table and white words in it.
14. Common used color, pen, highlight pen, Geometry are available.
15. Other functions like cut, spotlight, screen cover, print, redo, undo... are available.
16. Right click: copy, cut, clone, delete, rotate, mirror, unlimited copy, zoom in/out, highperlink music and voice etc.
17. And more.....

System requirements

Item name	specification
Processor	Pentium III 800MHz or higher
Memory	1 GHz or higher
DirectX	V9.0c or higher
System	Windows XP / Windows Vista / Windows 2003 / Windows 7
Resolution (recommend)	1024 x 768 60 Hz
Microsoft Office	Office XP / 2002 / 2003 / 2007
Web Browser	Internet Explorer, Firefox
Video Equipment	DirectX 9.0 and more powerful VGA graphics
Audio Equipment	Built-in sound card and speakers

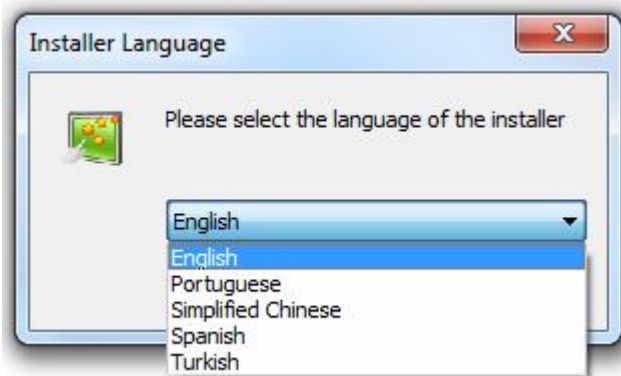
Software install and uninstall

Install

1. Double click *Setup Whiteboard.exe*, enter into installation guide, as following picture:



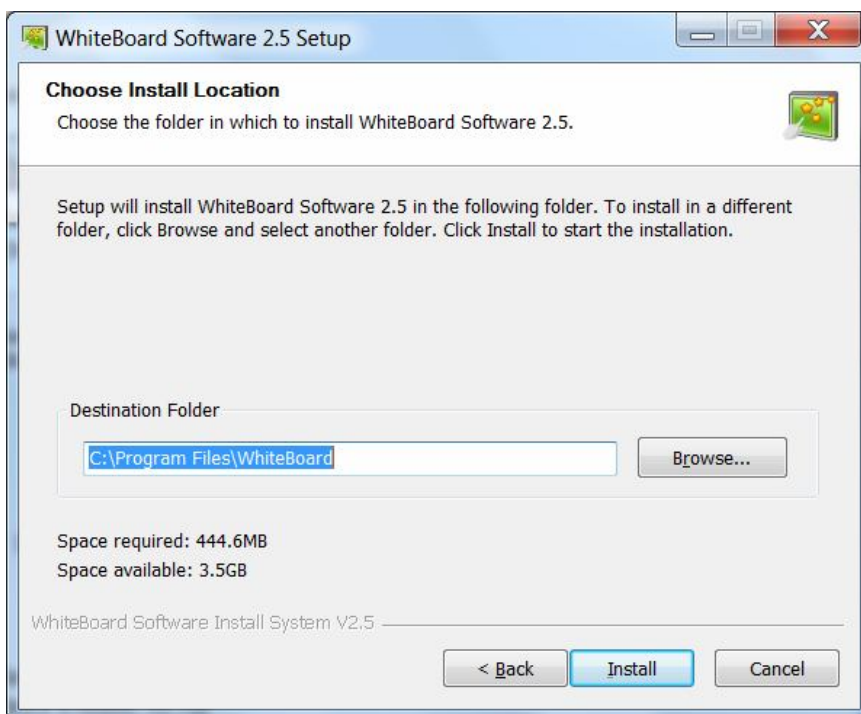
2. Choose language:



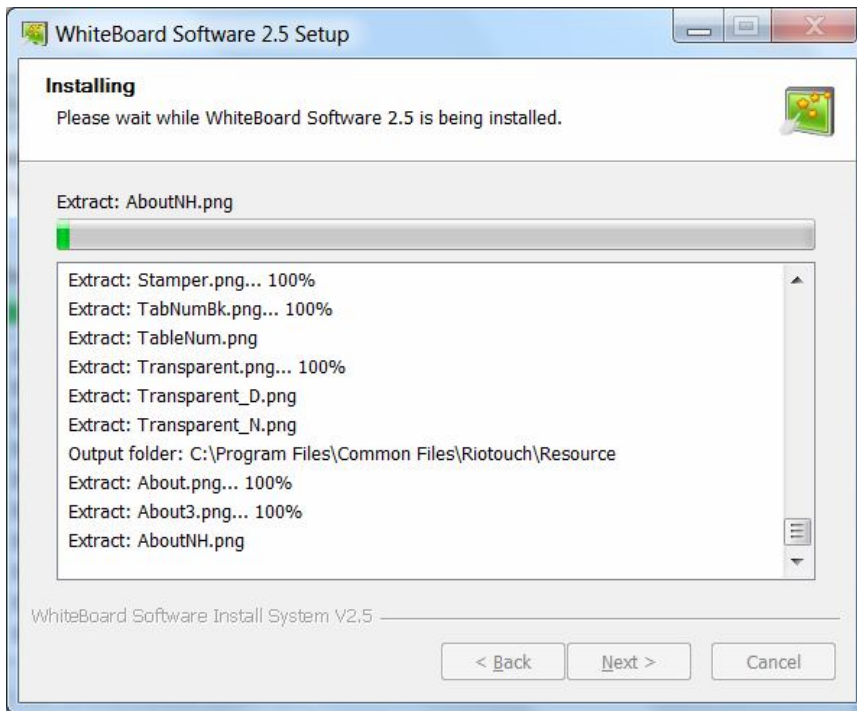
3. Welcome page, click next:



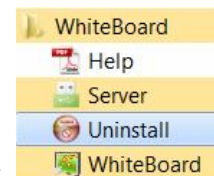
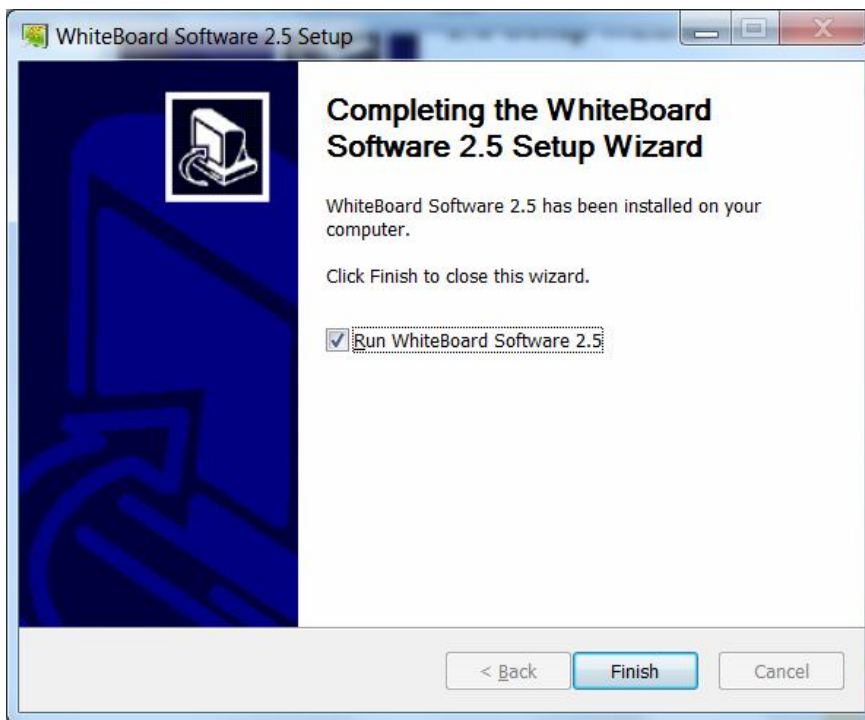
4. Choose where you want to install:



5. Installing, click next to continue:



6. Finish:



7. After finishing, fast operation icon will be created in the start and

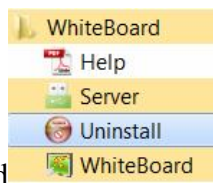



desktop

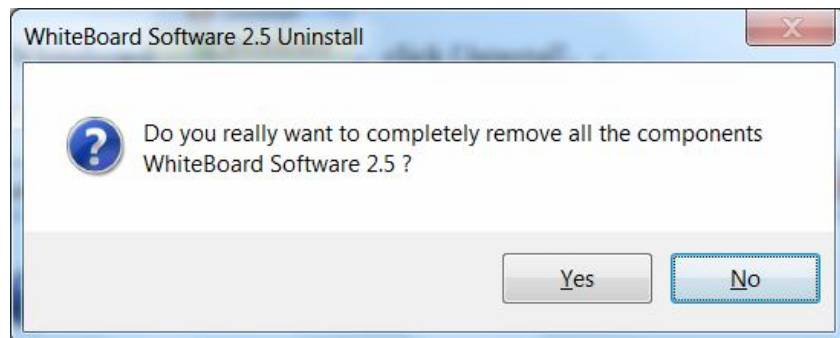
Uninstall

Uninstall from Start

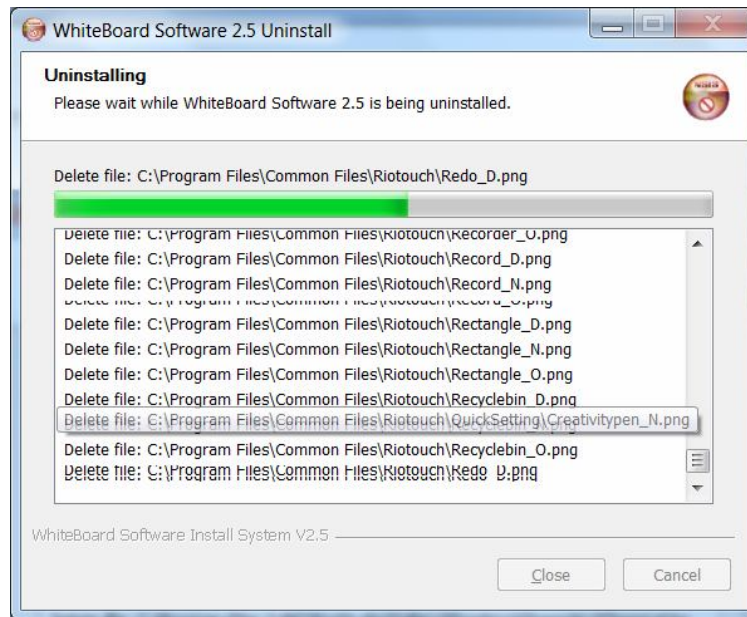
Enter Start, find the software name, and click *delete Whiteboard*.



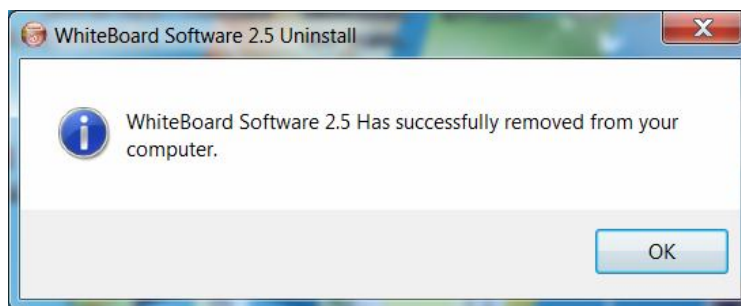
1. Start--Whiteboard , click *Uninstall*.
2. Click Y.



3. Uninstalling

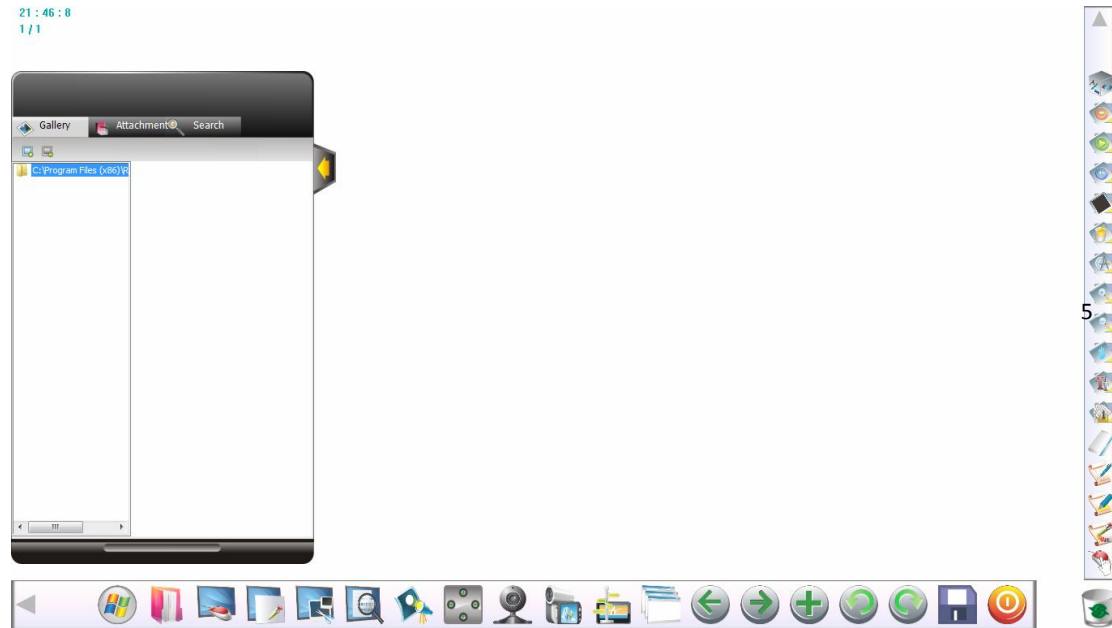


4. Finish


















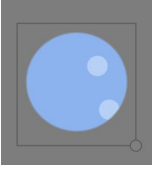
Whiteboard Functions









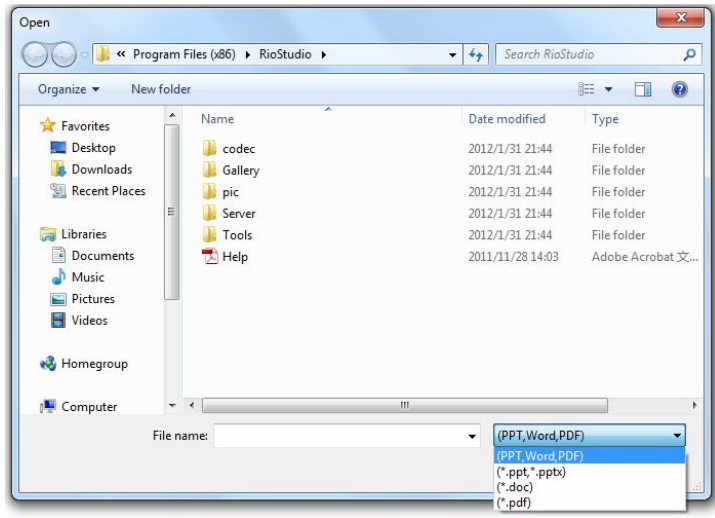



Interface


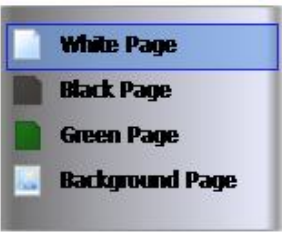






Bottom horizontal toolbar







No.	Icon	Name	Function																
1		Hide	Click to hide all horizontal taskbar, click again to show all.																
2		Desktop Mode	Click to return to desktop mode. Click again to open software																
3		File	<p>Click to open the file submenu</p> <div style="border: 1px solid black; padding: 5px;">  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>New file:</td> <td>new a “.rio” file</td> </tr> <tr> <td>Import file:</td> <td>import office of pdf file</td> </tr> <tr> <td>Save file:</td> <td>save as a “*.rio” file</td> </tr> <tr> <td>Save as:</td> <td>save as office or .pdf file</td> </tr> <tr> <td>Send email:</td> <td>use outlook to send</td> </tr> <tr> <td>Print:</td> <td>use default printer to print</td> </tr> <tr> <td>Language:</td> <td>set the GUID language</td> </tr> <tr> <td>About:</td> <td>check the info of the software</td> </tr> </table> </div>	New file:	new a “.rio” file	Import file:	import office of pdf file	Save file:	save as a “*.rio” file	Save as:	save as office or .pdf file	Send email:	use outlook to send	Print:	use default printer to print	Language:	set the GUID language	About:	check the info of the software
New file:	new a “.rio” file																		
Import file:	import office of pdf file																		
Save file:	save as a “*.rio” file																		
Save as:	save as office or .pdf file																		
Send email:	use outlook to send																		
Print:	use default printer to print																		
Language:	set the GUID language																		
About:	check the info of the software																		

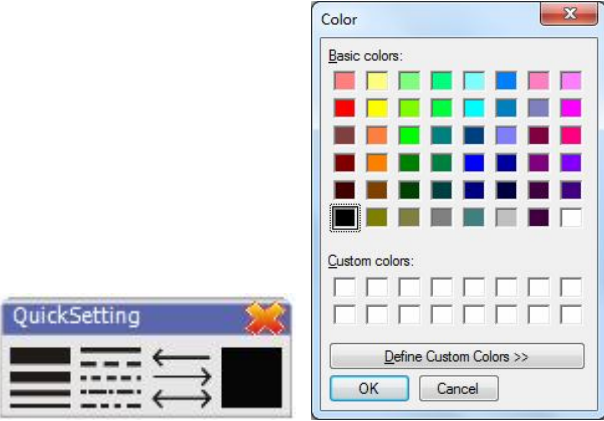



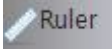




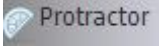
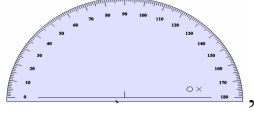


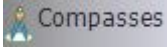





4		Click Through	Click this icon in Transparent Desktop Mode, the icon will change to  , then it will prohibit the mouse function of the software, permit desktop normal operation, click again return to transparent mode
5		Mode	Switch between Whiteboard Mode and Transparent Desktop Mode 
6		Cut	Click cut, mouse will change to Scissors shape, and place to the area you want to cut from and drag, the area will be cut and drag the mouse to paste it. You can control the size of the cutting and the pasting picture  , first one is to cut a rectangle area, other one is free area.
7		Zoom in/out	Zoom in/out a selected area. click  zoom out, click  zoom out, the selected area can be moved freely. click  to close this function.
8		Spotlight	Highlights a selected area, and cover other area. Click the small circle on the bottom right corner of the  rectangle that out of highlight area, can change the size of highlight area, change the shapes of the highlight area by clicking bottom right corner




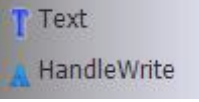
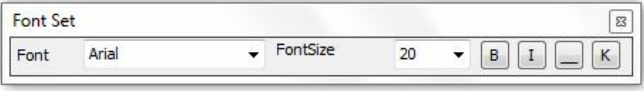





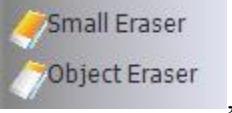
			of the page  , click  to close this function
9		Screen shade	Can free move the screen cover to cover a certain area, click  to change the type of cover and exit the function
10		Real object projector	Read the image on the software from outside camera.
11		Record	Record all the operation and voice on the screen and save.  From left to right icon: record, stop and play.
12		Import file	Import PPT, DOC, PDF files in your computer for annotation 
13		Page Sorter	Provide the entire pages preview, one page show 6 pages; drag the page can change the pages place.
14		Previous page	Back to previous page
15		Next page	Enter into next page




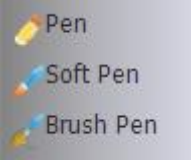

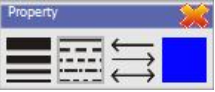








16		New page	 <p>Create a new page, there are white page, black page, green page and the background page to choose, the default one is white page.</p>
17		Undo	Back to last operation
18		Redo	Redo the last operation
19		Save	Save the all the page and function as a “*.rio” file, and this “*.rio” file can be open by Whiteboard software
20		Exit	Click to exit the current Whiteboard application

Right side vertical toolbar functions



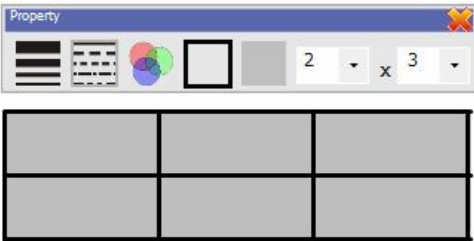

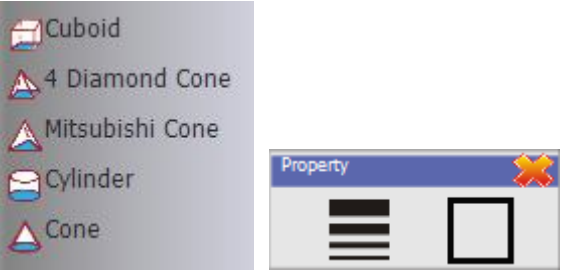
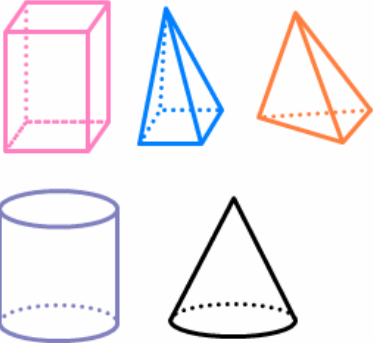
No.	Icon	Name	Function
1		Hide	Click to hide all vertical taskbar, click again to show all.
2		Switch	Click to switch between vertical common used tools and graphics.
3		Recorder	Click this button to record all the operation on this page
4		Play	Click to play what you recorded just now
5		Stop	Stop the record or playing.
6		Colors	The pen color default as black, if you want to change colors please use the quick setting

			
7		Flood fill	Choose a color and paint one closed area, object or the whole page
8		Math Tools	<p>Click to open math tools:</p>  <p>1)  open the ruler tool, , drag the blank area can move the tool,  for rotation,  exit,  for stretch.</p> <p>2)  open the protractor tool, drag the blank area can move the tool, ,  for rotation,  exit.</p> <p>3)  open the compasses tool, , rotate the top  to draw the circle,  exit, drag the left foot can move the compasses,  drag the right foot can expand the compasses.</p>
9		Page Zoom Out/In	Zoom out or zoom in the whole page

			
10		Page Move	Click the icon, the page can move arbitrarily when drag the blank area of the page
11		Text	<p>Click this tool, in win7 system, it popup a submenu like</p>  <p>choose “Text “, position finger at the place you want to add text, then use the keyboard to input words</p>   <p>Choose “HandleWrite”, here you can use handwriting change irregular words into standard.(The “HandleWrite” is for English and Chinese only at this period)</p>
12		Stamper	<p>Click first star shape to choose the stampers in the software, click the other one to choose any format</p>  <p>image as stamper</p> 
13		Eraser	 <p>Circle and popup , by default, the</p>

			<p>eraser erases the whole object.</p> <ol style="list-style-type: none"> 1)  Small Eraser to erase or delete the strokes. 2)  Object Eraser to erase or delete the whole object.
14		<p>Pen Tool</p>	<p>Click and popup  , by default it's Pen.</p> <ol style="list-style-type: none"> 1)  Pen , you can choose thickness, line type, end terminal or color  2)  Soft Pen , you can set the attribute of thickness and the color for the pen  3)  Brush Pen , you can set the attribute of thickness and the color for the pen 
15		<p>Fluorescent pen</p>	<p>Highlights selected text, you can set the attribute of thickness and the color for the pen </p>
16		<p>Creativity pen</p>	<p>Write and draw using different brush sizes. You can change the thickness, import self-defined icon and select different format of the brush </p>

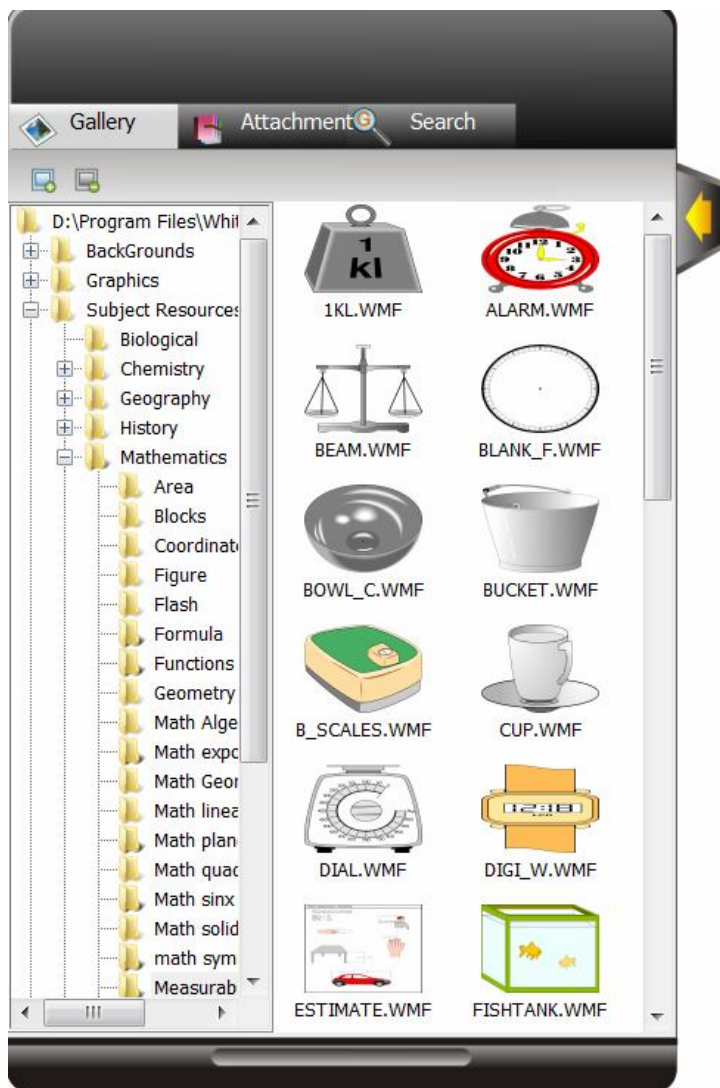
17		Selection	<p>You can select objects or shapes to let it move, modify, rotate or delete..., click the green little circle or triangle or the white circle to rotate, edit or change size.</p>
18		Free hand	<p>Change hand drawing line, circle etc... into standard shape.</p> <p>here you can set the thickness, line type, transparency, line color and fill color.</p>
19		Line	<p>Draw a line on the whiteboard.</p> <p>here you can set the thickness, line type, end terminal, transparency and color.</p>
20	 	Geometry	<p>Draw geometry on the whiteboard(Rectangle, Circle, Ellipse ,Triangle, Right-angled Triangle, Diamond, Pentagon, Star, Table ,</p>

			
21		<p>Table</p>	<p>Draw a table on the whiteboard, write words in the table is available.</p> 
22		<p>3D Geometry</p>	<p>Click to open the submenu, Cuboid, 4 Diamond Cone, Mitsubishi Cone, Cylinder and Cone. You can choose different thickness and color.</p>  

Left sources functions





Click will pop up a menu, Drag pictures, word, ppt, pdf, flash, mwv into the software.



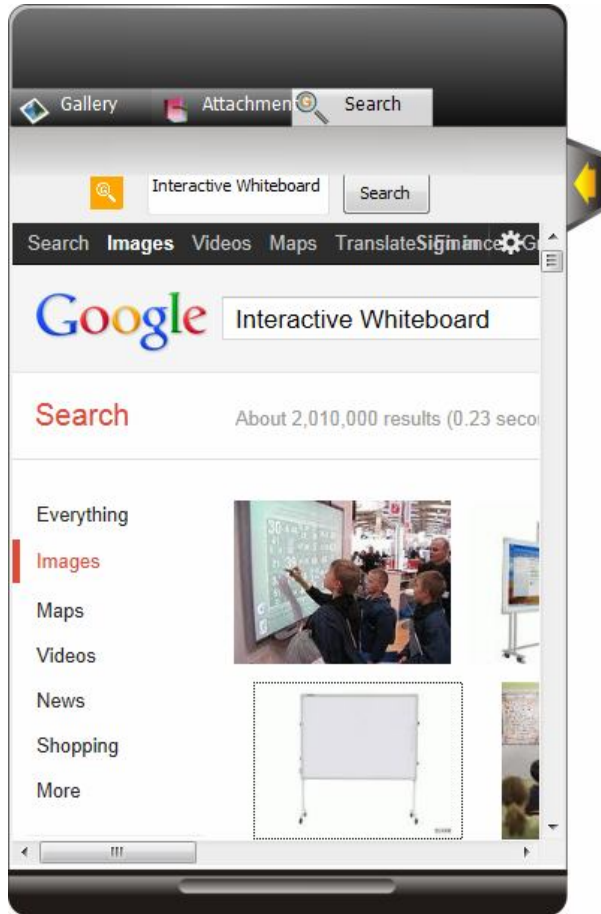
Gallery, default path is the place where the Whiteboard Installation Path. Some images and backgrounds are in the software by default.



Attachment, You can open your images or files.,  Add  delete.



Google search, You can search related files or web and drag the webpage into the software.

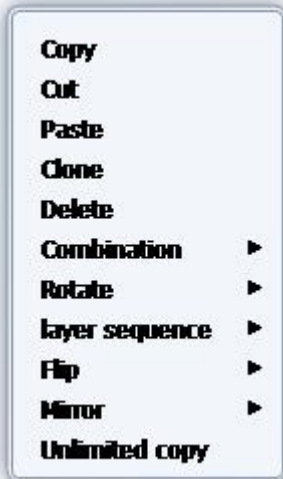




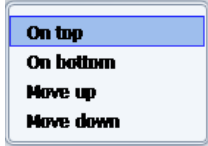



Bottom right corner function




Recycle bin: Select an object and drag into the Recycle bin can delete an object, double click to clean the page.

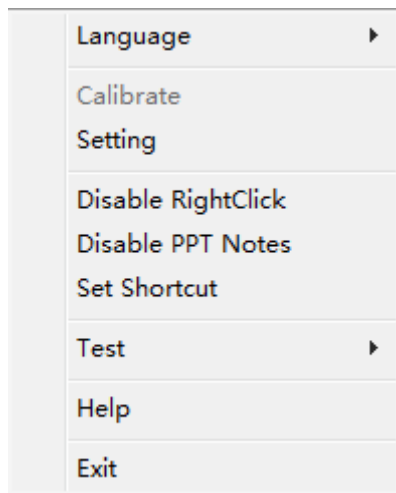
Right Click Menu functions






Copy:	Copy the selective objects to the clipboard of software.
Cut:	Cut the selective objects to the clipboard of software.
Paste:	Paste the objects from clipboard to the page of software.
Clone:	Clone the selective objects to the page of software.
Delete:	Delete the selective objects, you can choose “Redo” to restore the deleted objects.
Combination:	 combine multi objects together, or cancel the combination.
Rotate:	 Rotate a selective object, you can choose different angle.
Layer sequence:	 Change the layer sequence of the object in the page.
Flip:	 Flip the selective object horizontal or vertical
Mirror:	 Mirror the selective object horizontal or vertical.
Unlimited copy:	Click the select this function  , select an object and drag it the other area, there will be another same object.

Whiteboard Server

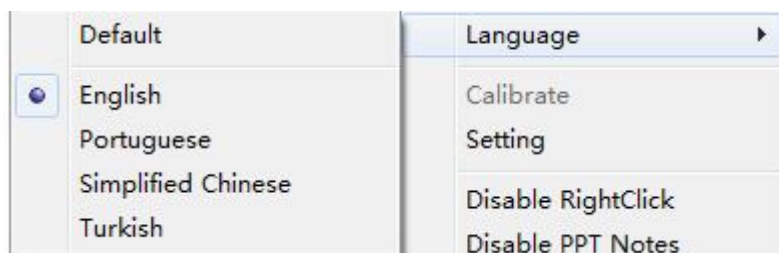
After installing the software, there will be an icon  on the bottom right toolbar of your computer, right click it you will see below window:



The icon have below three status with different colors:

- a.  Grey means your computer doesn't connected with a computer or doesn't connected well
- b.  Orange means the computer has connected with an IWB and it is single touch
- c.  Green means the computer has connected with an IWB and it is multi-touch


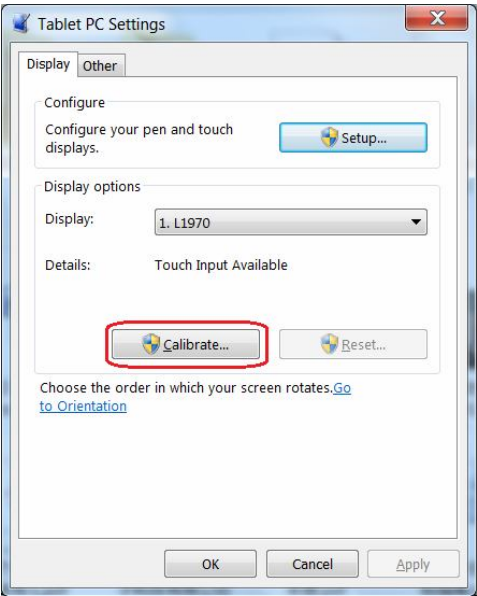
Language: currently we have English, Portuguese, Simplified Chinese, Turkish. We can also customize languages for users.



Calibrate: Under below circumstances the whiteboard need to be calibrated:

- a. After connecting the IWB with projector and computer, please Calibrate before using.
- b. After changing the resolution
- c. After adjusting the projector
- d. After adjusting the IWB location

There is some differences in Calibration between single touch and multi-touch (for more about win7 multi-touch, you can also refer to the Win7 multi-touch user manual)

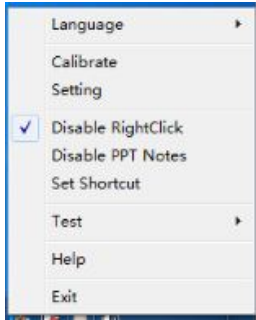
single touch	Multi-touch
 <p>The image shows a blue screen with the text "WhiteBoard" in the center. Below the text, it says "Please check top_left crosshair!(Stat.1)". There is a small crosshair icon in the top-left corner of the screen.</p>	 <p>The image shows a Windows 7 "Tablet PC Settings" window. The "Other" tab is selected. Under "Configure", there is a "Setup..." button. Under "Display options", the "Display" dropdown is set to "1. L1970". Under "Details", it says "Touch Input Available". A red box highlights the "Calibrate..." button. Below the window, there is a large empty white box with small text at the bottom: "To provide calibration samples, tap the crosshair each time that it appears on the screen. Right-click anywhere on the screen to return to the last calibration point. Press the Esc button to close the tool. Do not change your screen orientation until you have completed the calibration process."</p>

Setting: Switching between Single touch and Multi-touch, the server icon will change colors.

When click the setting, there will be a dialogue appear on the screen, you can choose between single touch and multi-touch.



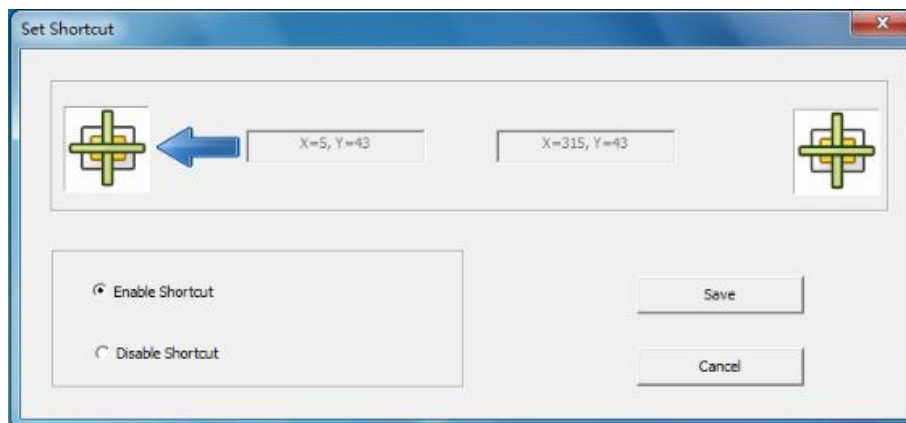
After setting the device, the server will be a little different between single touch and multi-touch

single touch	Multi-touch
<p>Remark: the disable rightclick and disable PPT Notes are black, it means this two functions are available. When you click either of them, there will be a right</p>  <p>icon in the front</p>	<p>Remark: the disable rightclick and disable PPT notes is grey, it means this two functions are not available (because it processing automatically by the system Win7 you are using)</p> <p style="text-align: right;">14</p>

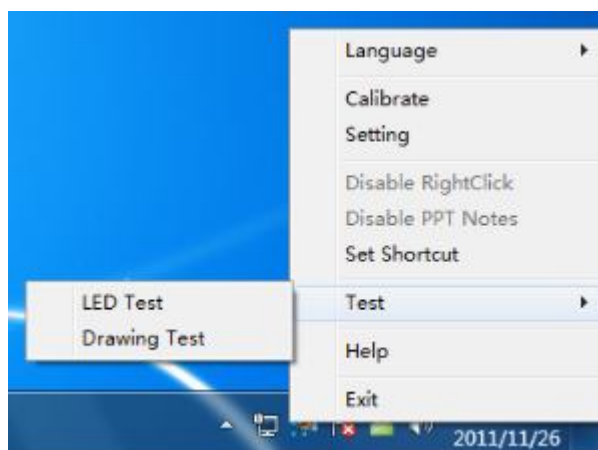
Disable Right Click: Right click can't use

Disable PPT Notes: PPT Annotation can't use

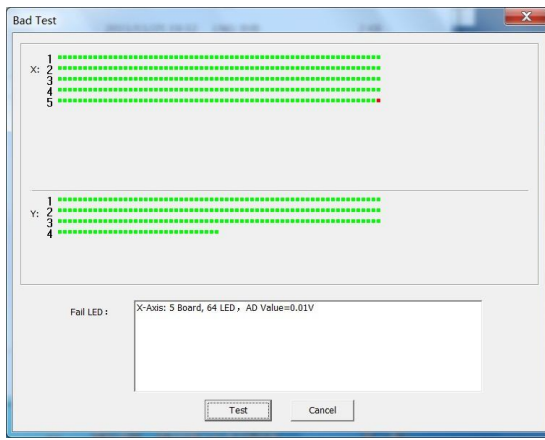
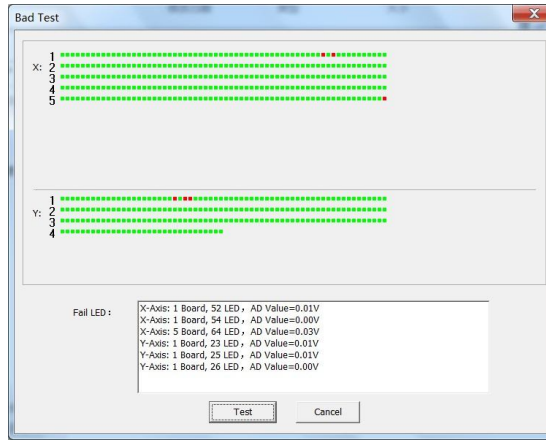
Set Shortcuts: Setting up the two horizontal hotkeys pasted on each side of the IWB.



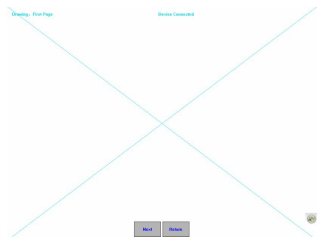
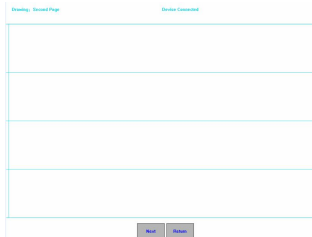
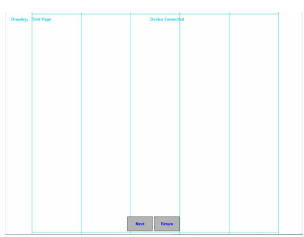
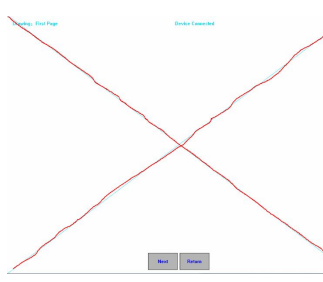
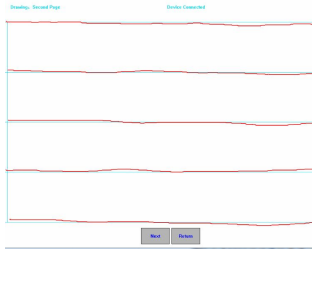
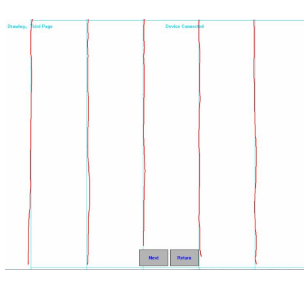
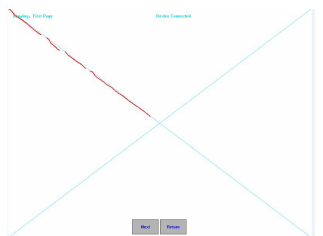
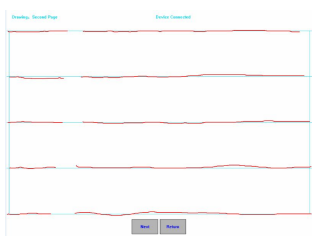
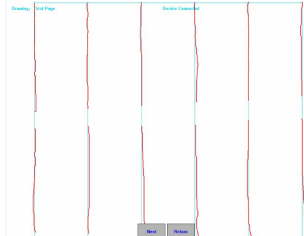
Test: Testing the board whether it works well or tell users to solve some small problem,



a. LED Test:

Good	Problem
	
<p>Remark:</p>	<p>Remark: the lower blank area will show you the Bad LED</p>

b. Drawing Test: There are three pages for drawing test.

Page	1	3	3
Blank			
Good			
Problem			
Remark	<p>Means this IWB have some problems</p>	<p>The problems may caused by the bottom</p>	<p>The problems may caused by the Left or</p>

		or top LED where the break happens	Right LED where the break happens
--	--	---------------------------------------	--------------------------------------

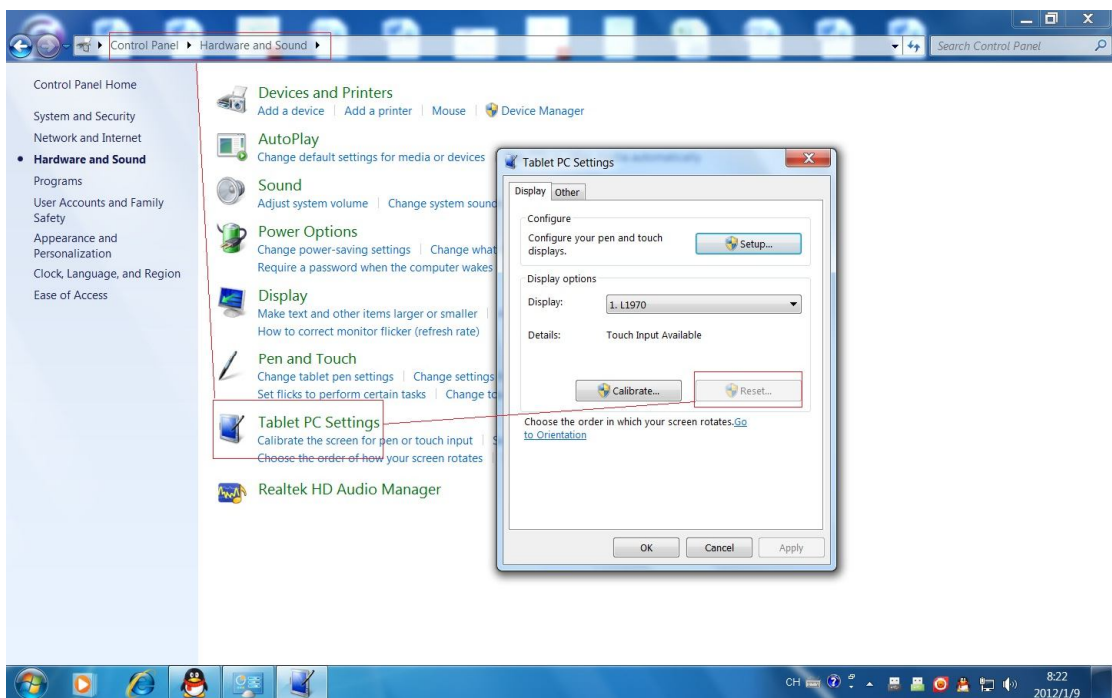
Help: Whiteboard User Manual

Exit: Exit the server

FAQs for using Whiteboard:

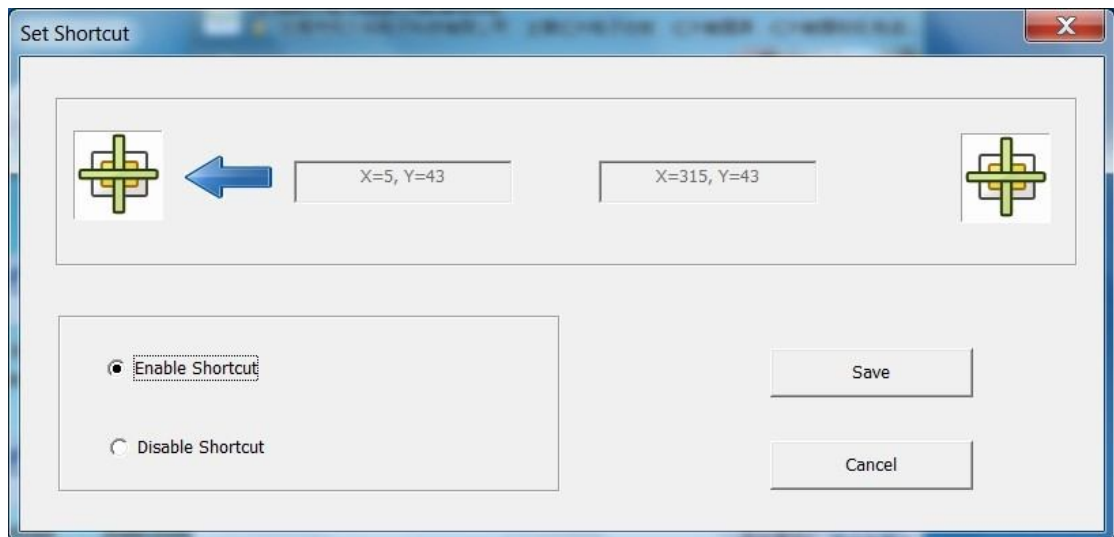
1. **Q: When repeat to calibrate the device on the multi-touch model, the calibration interface stop working.**

A: The window7 system will save the last calibration data for the multi-touch device. If the new calibration data is so different from the last one, the calibration is invalid. Solution: click Esc key to exit the calibration interface, and then open the control panel to clear the last calibration data as the following pictures:



2. **Q: The Hotkeys on the whiteboard are not available?**

A: Please make sure that you have finished the “Whiteboard Calibration and Hotkeys Setting”. The following picture is the calibration for the whiteboard hotkeys:



3. Q: It fails to switch the device between single-touch and multi-touch model sometimes?

A: The touch model switching need to get the confirmation of the hardware, the confirmation does fail sometime. Solution: before switching the model, pull up the USB connector then plug it again.

Thank you for using Whiteboard and hope you have a nice time with our software.