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Introduction

Based on touch design, QTouch is a practical electronic pen and eraser with smooth writing and accurate annotation effects. It fully supports multi-touch writing and editing for many a person at the same time. It also supports multi-touch gestures, free dragging, rotating and scaling to any graphics.

QTouch is compatible with PowerPoint and convenient for users to switch from traditional teaching software. With rich teaching resources, QTouch provides curtain, spotlight and many other functions. Clear and simple, users can easily stress the key point in multimedia teaching. It is also easy to use and available for customization.

Operating Environment

<table>
<thead>
<tr>
<th>Minimum configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS: Windows XP</td>
</tr>
<tr>
<td>Processor: above Intel G645</td>
</tr>
<tr>
<td>RAM: 2G</td>
</tr>
<tr>
<td>Resolution: 1024×768</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recommended configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS: Windows 7</td>
</tr>
<tr>
<td>Processor: above Intel I3</td>
</tr>
<tr>
<td>RAM: 4G</td>
</tr>
<tr>
<td>Resolution: 1920×1080</td>
</tr>
</tbody>
</table>

Installing and Uninstalling Software

Software Installation

See the detailed explanation on the software installation below. Unload QTouch if you have installed it before.

1. Input the disk and open “Touchdev”. Double-click "QTouchSetupVX.X.exe" and select installation contents as the following dialog box. Alter the information in need and click Next.

At least 227.9 MB of free disk space is required.
2. Click **Finish** to end installation.

![Image of installation finish]

3. After installation, check if one of the following two gestures is in tray icon. The installation is successful if you see the icon.

   - Blue gesture means that the device has been linked, while the grey one means it hasn’t been linked.
   - It is recommended that you run Win10 as administrator: right click on the mouse > **Run as administrator**.

---

**Software Uninstallation**

- Exit if “Touchdev” is running. Open “control panel” and select “add or remove programs”. Unload the program after finding out QTTouch.

- Go to **Start > all programs > Touchdev Folder > Uninstall** to enter into Uninstall interface as following:

1. A dialog window will pop up. Click **Yes** to continue.

![Image of uninstall confirmation]

2. While seeing a dialog window as follow, click **OK** to end the uninstalling.

![Image of uninstall success]
Software Interface Introduction

QTouch Overview

Open QTouch to enter full-screen mode. There are three modules on the display interface, shown as below.

Operating Area

The green background is the operating area of the current page, and the toolbar interface in transparency is underneath. The trash can is at the lower right corner. Generally, “Normal brush” is in the default state, you can directly operate within the green area. In most cases, the operating area of QTouch is in green. While in the case of the lower resolution as 1024×768, the working area is in white.

Toolbar

Start QTouch to enter the main interface. Toolbar is at the bottom of the screen. The level one toolbar is clean and simple with different function buttons.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="File Icon" /></td>
<td><strong>File</strong></td>
<td>Click to pop up the secondary toolbar to get the functions.</td>
</tr>
<tr>
<td>Icon</td>
<td>Function</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td><img src="image1.png" alt="Icon" /></td>
<td><strong>Tool</strong></td>
<td>Combine the tools related with whiteboard software. Click to pop up the secondary toolbar.</td>
</tr>
<tr>
<td><img src="image2.png" alt="Icon" /></td>
<td><strong>Pen</strong></td>
<td>Click to pop up the secondary toolbar, including pen types, pen thickness, and colors.</td>
</tr>
<tr>
<td><img src="image3.png" alt="Icon" /></td>
<td><strong>Text</strong></td>
<td>With functions of <strong>Text</strong> and <strong>Handwriting</strong> recognition.</td>
</tr>
<tr>
<td>Icon</td>
<td>Function</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>![Eraser Icon]</td>
<td><strong>Eraser</strong></td>
<td>Click to pop up the secondary toolbar, including five types of erasers. ![Eraser Image]</td>
</tr>
<tr>
<td>![Geometry Icon]</td>
<td><strong>Geometry</strong></td>
<td>Click to pop up the secondary toolbar, choose from five different cooperation tools. ![Geometry Image]</td>
</tr>
<tr>
<td>![Select Icon]</td>
<td><strong>Select</strong></td>
<td>Click to make choices.</td>
</tr>
<tr>
<td>![Undo Icon]</td>
<td><strong>Undo</strong></td>
<td>Click to undo the previous operation.</td>
</tr>
<tr>
<td>![Redo Icon]</td>
<td><strong>Redo</strong></td>
<td>Click to redo the cancelled operation.</td>
</tr>
<tr>
<td>![Paste Icon]</td>
<td><strong>Paste</strong></td>
<td>Click to perform the paste operation.</td>
</tr>
<tr>
<td>![Preview Icon]</td>
<td><strong>Preview</strong></td>
<td>Click to pop up/hide the preview window.</td>
</tr>
<tr>
<td>![Control Icon]</td>
<td><strong>Control</strong></td>
<td>Click to switch to the control mode.</td>
</tr>
<tr>
<td>![Exit Icon]</td>
<td><strong>Exit</strong></td>
<td>Click to exit.</td>
</tr>
</tbody>
</table>

You can drag the toolbar to the above or at the below of the screen to suit your use habits.
Floating Toolbar

Floating toolbar is on the right of the screen. Click  to switch the interface to the control mode or transparent page. It is in line with that of the main interface, with clean and simple design. It has four buttons by default.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Full Screen Mode</strong></td>
<td>Click to switch to the full screen mode.</td>
</tr>
<tr>
<td></td>
<td><strong>Pen</strong></td>
<td>Click to pop up the secondary toolbar, including pen types, pen thickness, and colors.</td>
</tr>
<tr>
<td></td>
<td><strong>Screenshot</strong></td>
<td>Click to capture the image on the screen and paste it on the current page.</td>
</tr>
<tr>
<td></td>
<td><strong>Text</strong></td>
<td>With functions of <strong>Text</strong> and <strong>Handwriting</strong> recognition.</td>
</tr>
<tr>
<td></td>
<td><strong>Tool</strong></td>
<td>Click to pop up the secondary toolbar, including <strong>Screen Shade</strong>, <strong>Spotlight</strong>, <strong>Record</strong>, <strong>Clock</strong>, and <strong>Calculator</strong>.</td>
</tr>
</tbody>
</table>
Basic Operation

Operating Mode

Standard (Full screen) Mode

While opening QT ouch, the default working mode is mainly used for document editing and demonstrating. The software is at full screen mode and will not be affected by other software. To switch from other modes to the standard mode, click  in the floating toolbar.

Annotation/Control Mode

The minimum working mode in QT ouch is reserved as the floating toolbar. It is easy to make use of the related functions, such as annotation and marking. To switch from other modes to the control mode, click  in the main toolbar or the floating toolbar.
Transparent Page Mode

The transparent page mode in QTouch is similar to the control mode, but with a more powerful function of transparent annotation. Under this mode, you can also use the brush or other functions to make dynamic annotation to the current operation interface. You can only switch from the control mode to the transparent page mode by clicking in the floating toolbar.

Selection and Page Roaming State

Selection State

While touching the interface of QTouch, you need to switch between “drawing lines” and “select” to distinguish whether the touch action is drawing lines or select. Click in the main toolbar or the floating toolbar, and it is in the select state. In this case, the touch action is not shown as “drawing lines”, but only as operation to the object.

Page Roaming State

The QTouch page is designed as the “infinite page”. You can move the page randomly by switching to the roaming state to get a bigger operation interface. Click to enter into the page roaming state under the full-screen mode.

is not in the default interface. Click to retrieve the function.
Multi-touch Writing

QTouch is designed on the basis of the multi-touch screen input method, fully supporting the function of the multi touch writing. You can operate multi-point drawing and painting and can even use erasers at the same time.

Multi-touch Gestures

Based on the multi-touch method, QTouch supports normal touch gestures such as dragging, zooming, and rotating. By switching to an icon, you can randomly conduct multi-touch function to lines or images on the display.
Detailed Operation

Start and Exit

As the software is attached to the interactive whiteboard, QTouch needs the whiteboard support to start. The software will be in the restricted state without checking the interactive whiteboard in the system. In this case, it can only be used in a specific period of time. When the whiteboard support is confirmed, the software can be used without any restriction.

Click  on the right corner of the toolbar to exit the program.

Page Management

Start the software to enter into the full screen mode. Click  on the toolbar to display or hide the preview window. The window can also be dragged to the right boundary of the screen. At the moment, it will hide automatically. The preview window in the software is designed as the main interface of the QTouch page management. Comparing with traditional preview windows, it is specific to the touch input.

Select one preview page, there are four buttons at the lower right corner:

- Insert new page
- Clone current page
- Clear to drag the page
- Delete the selected
Custom Toolbar

To customize your toolbar buttons, set QTouch to the standard mode. Click and choose under Settings.

You can add up to 12 icons to the list. Please note that and are default and cannot be removed.

Document Management

File management facilities of QTouch is realized by clicking . QTouch supports three types of files: Wbd file, PowerPoint file, and multi-media file.
Wdb File Management

QTouch is compatible with Wdb files. All images and sounds displayed on the QTouch interface can be saved. Click 📁 to pop up the secondary toolbar. The corresponding wdb file management can be done with these buttons. To insert and save a Wdb file, click 📁 to pop up the secondary toolbar with 📂 and 📂. Click the two buttons to act accordingly.

PowerPoint Management

QTouch is compatible with PowerPoint files in Microsoft Office. Click 📁 to pop up the secondary toolbar. You can export the current file (PowerPoint file or non-PowerPoint file) to a PowerPoint file by clicking 📁 to act accordingly. Supported versions are Office 2003, Office 2007, and Office 2010. Earlier or later versions may not work.

Print Files

QTouch supports file printing. Click 📁 > 📄. A window will pop up.
You can choose to print all pages or select pages by entering page numbers. You can also choose the **Print Mode** and **Header Setting**. Header inserting is optional while printing the selected page. You can also add **Speech Title** and **Author**.

**Presenting PowerPoint Files**

While presenting PowerPoint files, you can make comments and other operations to PowerPoint files under the touch mode. Click 📄 > 📄 and choose a PowerPoint file to be shown.
While opening the PowerPoint file, you can see pop-up toolbar of QTouch on both sides of the screen. You can switch between PowerPoint annotation and other functions.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arrow</td>
<td>Click to realize the mouse function, right or left button function of the touch screen.</td>
<td></td>
</tr>
<tr>
<td>Pen</td>
<td>Click to switch to draw lines and annotation.</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Click to set pen colors.</td>
<td></td>
</tr>
<tr>
<td>Eraser</td>
<td>Switch to the eraser function to clear the lines and annotation on the screen.</td>
<td></td>
</tr>
<tr>
<td>Full screen eraser</td>
<td>To clear away the lines and annotation on the whole display.</td>
<td></td>
</tr>
<tr>
<td>Previous</td>
<td>Click to go back to the previous page.</td>
<td></td>
</tr>
<tr>
<td>Next</td>
<td>Click to go to the next page.</td>
<td></td>
</tr>
<tr>
<td>Refresh</td>
<td>Click to pop up the language dialogue for PowerPoint file; click the preview page to switch to the corresponding page.</td>
<td></td>
</tr>
<tr>
<td>Exit</td>
<td>Click to save and exit the PowerPoint file. Exit will also close other PowerPoint files not modified in Qtouch.</td>
<td></td>
</tr>
<tr>
<td>Play background sound</td>
<td>Click to play background sound.</td>
<td></td>
</tr>
<tr>
<td>Switch to the main interface</td>
<td>Click to switch to the main interface.</td>
<td></td>
</tr>
<tr>
<td>Blank screen</td>
<td>Click to enter the blank screen, and click again to exit the blank screen.</td>
<td></td>
</tr>
</tbody>
</table>
**Brush Use**

*Pen* is a frequently used tool in QTouch during presentation. You can present personalized writing or sketches quickly to your own needs. Click 🖊️ to choose special effects.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Type</th>
<th>Writing effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>🖊️</td>
<td>Pen</td>
<td>Hello</td>
</tr>
<tr>
<td>🖊️</td>
<td>Row Pen</td>
<td>Hello</td>
</tr>
<tr>
<td>🖊️</td>
<td>Soft Pen</td>
<td>Hello</td>
</tr>
<tr>
<td>Icon</td>
<td>Type</td>
<td>Writing effect</td>
</tr>
<tr>
<td>------</td>
<td>------------</td>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><img src="image" alt="Texture Pen" /></td>
<td><strong>Texture Pen</strong></td>
<td>For <strong>Texture Pen</strong>, there are different options to choose from.</td>
</tr>
<tr>
<td><img src="image" alt="Highlighter" /></td>
<td><strong>Highlighter</strong></td>
<td>With <strong>Highlighter</strong>, the writing will be a bit transparent and should be used with single touch.</td>
</tr>
<tr>
<td><img src="image" alt="Smart Pen" /></td>
<td><strong>Smart Pen</strong></td>
<td>With <strong>Smart Pen</strong>, the writing will be automatically improved.</td>
</tr>
<tr>
<td><img src="image" alt="Laser Pen" /></td>
<td><strong>Laser Pen</strong></td>
<td>With <strong>Laser Pen</strong>, the writing will gradually fade away.</td>
</tr>
</tbody>
</table>
Pen Color and Thickness

In QT Touch, apart from the direct use of a variety of pens, you can also set the thickness and color to different pens.

For pen color, QT Touch provides the most commonly used colors. You can set color in the pallet by right clicking the color.
Text Insert

Text Box

Click \( T \) to pop up the secondary toolbar. Use the function to write and edit text in the text box accordingly. Click and drag the touch pen or mouse to create an editable text box. A text attribute set box will pop up. Set text typeface, color and other attributes.

Hand writing Recognition

Click \( T \) to pop up the secondary toolbar. Then click \( T \) to use the handwriting function. After writing texts, you can edit the texts by choosing functions from an alternate menu on the screen.
By default, if you stop editing for three seconds, the system will automatically choose the highest matching rate option.

How to Use Eraser

The eraser can be used to erase writing, insert images, and other saved data left on the page during the presentation. QTouch offers five types of erasers.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Small Eraser Icon" /></td>
<td>Small</td>
<td>Click to erase writing in a small area.</td>
</tr>
<tr>
<td><img src="image2.png" alt="Middle Eraser Icon" /></td>
<td>Middle</td>
<td>Click to erase writing in a middle area.</td>
</tr>
<tr>
<td><img src="image3.png" alt="Large Eraser Icon" /></td>
<td>Large</td>
<td>Click to erase writing in a large area.</td>
</tr>
<tr>
<td><img src="image4.png" alt="Region Eraser Icon" /></td>
<td>Region</td>
<td>Click to erase objects in a rectangular area.</td>
</tr>
<tr>
<td><img src="image5.png" alt="MoveClear Eraser Icon" /></td>
<td>MoveClear</td>
<td>Drag right to clear the entire page.</td>
</tr>
</tbody>
</table>

Erasing Drawing Lines

All the drawing lines can be erased by the five erasers during the presentation. You can use the Small, Middle, or Large eraser to erase the drawing lines.
Erasing Objects

To clear the images or objects inserted on the page, only Region and MoveClear are effective. The other three types can only be used to erase writing lines.

Gesture Eraser

QTouch supports eraser gestures. While presenting objects over 5cm × 5cm, the touch action on the infrared touch screen is automatically recognized as a Large eraser. This function needs support from the underlying driver of the touch screen.

Trash Can

To delete the drawing, graphing, and inserted multi-media files on the page, you can drag the selected objects to at the lower right corner.
Geometric Figure and Filling

QTouch has the commonly used shape drawing functions, combining the function of geometric graphing with filling.

Graphics Selection

Click 🔄 to pop up the secondary tool window and conduct the corresponding operation. You can select different graph shapes.

Border Color Selection

Click 🔄 to pop up the secondary tool window. QTouch provides the most commonly used colors. You can set border colors in the pallet by clicking right on the color.
Filling Color Selection

While drawing geometric graphs, you can select one color to fill the graphic area. Click 🔄 to pop up the secondary tool window. By default, the software will automatically select the first color. If you want to change the color, right click on the color in the pallet you want.

System Settings

Click 🛠️ to pop up the secondary tool window. You can select different functions under Settings.

Settings

Click 👉 and a window will pop up. You can switch languages by scrolling down the combobox. The languages available are English, Spanish, Arabic, German, Italian, and French.
You can continue to adjust other **Settings** accordingly.

You can also adjust **Voice setting** and **Background**.
Register

Click **Register** for no time-limit using environment. You have to make sure the network is connected. The local PC firewall and proxy firewall is disable. Then, type the 24-digit license code into the window (but not product number). For the process to get the license, read **Get the License (see page 44)**.

If an error message "Failed to connect Server" shows, you can:
- Use Wi-Fi connecting to network (do not use internal proxy).
- Use Wi-Fi connecting to cellphone (the external network from Telecommunications company).
- Contact your IT agent for not blocking port 8000.

Setting **Custom**

For more information about setting **Custom**, read **Custom Toolbar (see page 15)**.

Multi-screen Writing

Click **** and a window will pop up. You can select up to four screens. You can also select multi-screen’s background. There are also four types of background to choose from.
Preparing and Giving Lesson

Click  to prepare lessons. You can open a file such as a Microsoft Word document to prepare lessons.

Click  to go back to the standard mode.

Checking Version

Click  to check the version information of QTouch.
Teaching Tools

QTouch provides common whiteboard teaching tools and divides it into two categories: Tool and Math. Click ![teaching tools icon] to pop up the secondary tool window to get all of the teaching tools.

Screen Shade

Click ![screen shade icon] to activate the curtain function. Drag the four grips (above, down, left, and right) to draw back the curtain. You can see the content covered by the curtain. Click ![exit screen shade icon] to exit Screen Shade.
**Spotlight**

Click [ ] to activate the **Spotlight** function.

Click and drag the black area on the display to move the lighted area. Click **Exit** in the drop-down list to exit the **Spotlight** function.

**Broadcast**

Click [ ] to activate the **Broadcast** function.

Please enter a scrolling information
Click the information area and the editing tools will pop up.

![Editing Tools](image)

Click [ ] to enter and edit information accordingly.

![Editing Content](image)

You can hide the translucent area by clicking [ ]. Click [ ] again to resume the translucent area.

Click [ ] to exit the Broadcast function.

**Lock**

Click [ ] to activate the Lock function. A Password Settings window will pop up. Enter the Password accordingly and click OK.

![Password Settings](image)

The maximum length of the password is six characters. Characters such as “123456” (all numbers), “abcdef” (all alphabets), and “12ab” (less than 6 characters) are acceptable. Symbols such as “@!#$%^&” are unacceptable.
**Record**

With the Recording function, you can record all the content and operating procedures on the screen in the format of WMA. Click to activate the Record function.

Click to set Video Device, Audio Device, Image Quality, Resolution, and Frames accordingly.

Click to exit the Recording function.

**Screenshot**

Screenshot is used to capture the rectangular image on the screen and paste it on the current page. It is not effective under the standard mode and control mode. Click to pop up the secondary toolbar. You can also click in the floating toolbar under the control mode to enter the operation display.
Click 📷 to activate the **Photograph** function. The whole screen is photographed and can be pasted to QTtouch.

Click 📷 to activate the **Screenshot** function. While entering **Screenshot**, the QTtouch display will hide automatically. At the moment, the **Screenshot** region is selected in a rectangle by manual touch or mouse. The boundary of the **Screenshot** region can be adjusted. Change the region and click ✅ to get the **Screenshot** page, or click ❌ to give up.
Click  to exit Screenshot.

**Visualizer**

In normal cases, **Visualizer** is assorted with specialized equipment. But the user can use ordinary PC cameras as well. Click  to activate the **Visualizer** function.

At the bottom of the **Visualizer** interface, there is a row of buttons showing various functions of camera as below:
<table>
<thead>
<tr>
<th>Icon</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Zoom In" /></td>
<td>Click to zoom in.</td>
</tr>
<tr>
<td><img src="image" alt="Zoom Out" /></td>
<td>Click to zoom out.</td>
</tr>
<tr>
<td><img src="image" alt="Screenshot" /></td>
<td>Click to screenshot.</td>
</tr>
<tr>
<td><img src="image" alt="Record Video" /></td>
<td>Click to record a video.</td>
</tr>
<tr>
<td><img src="image" alt="Lock Interface" /></td>
<td>Click to lock the current shooting interface. Click again to unlock the interface.</td>
</tr>
<tr>
<td><img src="image" alt="Rotate Right" /></td>
<td>Click to rotate the interface to the right side.</td>
</tr>
<tr>
<td><img src="image" alt="Rotate Left" /></td>
<td>Click to rotate the interface to the left side.</td>
</tr>
<tr>
<td><img src="image" alt="Settings" /></td>
<td>Click to pop up the setting interface. Adjust <strong>Device List</strong>, <strong>Resolution</strong>, <strong>Brightness</strong>, <strong>contrast</strong>, and <strong>Saturation</strong> accordingly.</td>
</tr>
<tr>
<td><img src="image" alt="Exit" /></td>
<td>Click to exit.</td>
</tr>
</tbody>
</table>
**Magnifier**

Click 🔬 to activate the **Magnifier** function.

**Magnifier** will zoom in the content within the white dotted border. You can set the visual effect by choosing the following functions:

<table>
<thead>
<tr>
<th>Icon</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="rectangle" /></td>
<td>Click to choose one rectangular area, and the content will be zoomed in the rectangular area.</td>
</tr>
<tr>
<td><img src="image" alt="lock" /></td>
<td>Click to lock the enlargement area and drag <strong>Magnifier</strong>, the enlargement area will not move.</td>
</tr>
<tr>
<td><img src="image" alt="zoom in" /></td>
<td>Click to zoom in.</td>
</tr>
<tr>
<td><img src="image" alt="zoom out" /></td>
<td>Click to zoom out.</td>
</tr>
<tr>
<td><img src="image" alt="close" /></td>
<td>Click to close the tool.</td>
</tr>
</tbody>
</table>

**Clock**

Click ⏰ to activate the **Clock** function.

Clock shows the current time and date.
Click  and a drop-down list with different functions will pop up. The default function is **System Clock**. You can change the default function to **Countdown Clock**, **Timing Clock**, and **Set**.

Click **Exit** in the drop-down list to exit the clock function.

### Teaching Tools for Mathematics

#### Calculator

Click  to pop up the secondary window and click  to activate the **Calculator** function. Click **OFF** on the calculator panel to close the **Calculator**.

**Calculator** features include basic arithmetic operation, mathematical formulas, units and conversion of number systems.

- **Basic arithmetic operation**: Calculator includes basic arithmetic operation such as add, subtract, multiply, divide, percentage, and exponentiation.
- **Mathematical formula**: Calculator includes mathematical formulas such as trigonometric function, logarithm, absolute value, PI, and natural logarithm.
- **Units and conversion of number systems**: Calculator includes units and conversion of number systems such as **Angle**, **Radian**, **Bin** (Binary), **Oct** (Octonary), **Dec** (Decimal), **Hex** (Hexadecimal).
**Ruler**

Click 🕒 to pop up the secondary window and click 🎨 to activate the **Ruler** function. While drawing lines near the scale mark of the ruler, the line will automatically become a straight line.

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**Triangles**

There are two types of triangles in the teaching tool. One is **Isosceles triangle**, and the other is **Right triangle**. The triangles can be used to measure length and draw lines.

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Click 🕒 and a drop-down list will pop up. You can switch the **Unit** to inch, millimeter (MM), and centimeter (CM).
Protractor

Click 🔄 to pop up the secondary window and click 🔄 to activate the Protractor function. Drag the white dot in the tool and rotate it to get the angle degree while the measured sides coincide with the tool. Click 🔄 to draw the angle with certain degrees.

You can edit the angle by clicking on the angle, and a list of function bar will pop up.

| : Cut | : Copy | : Clone | : To Bottom |
| : Delete | : Lock | : Mirror | : Hyperlink |
Click and a drop-down list will pop up. You can switch the Shape to Semicircle or Circle.

You can also switch the Unit to Angle and Radian.
**Compass**

Click 👆 to pop up the secondary window and click 👉 to activate the **Compass** function. Click and drag the pen label on the right of the **Compass** and rotate it to draw circles.

You can adjust the degrees by clicking 👉. You can also switch the unit by right clicking on the unit. The unit options are centimeter and inch.
## Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gesture eraser cannot be used.</td>
<td>Confirm the installation of the latest Touchdev driver and make sure Touchdev procedure is running. Read Installing and Uninstalling Software (see page 5) for more information.</td>
</tr>
<tr>
<td>The depicted geometry and pictures on the page cannot be erased.</td>
<td>QTouch has five erasers to choose from. To clear the graphs, images, videos or Flash inserted on the page, only <strong>Region</strong> and <strong>MoveClear</strong> are effective. Read How to Use Eraser (see page 23) for more information.</td>
</tr>
<tr>
<td>The background color is white after starting QTouch.</td>
<td>While starting QTouch, the default background color is subject to the current display resolution. If it is equal or under 1024 × 768, the default color is white. Otherwise, it is green.</td>
</tr>
<tr>
<td>There is no reaction when clicking the buttons in the floating toolbar.</td>
<td>Most of the buttons in the floating toolbar in QTouch can only be used under the transparent page. You can switch to the transparent page by clicking ✍️ in the floating toolbar.</td>
</tr>
<tr>
<td>There is a gray area on both sides after importing PowerPoint.</td>
<td>In order to keep the normal display scale while importing PowerPoint, QTouch sets the display scale at 4:3. In this case, there is a gray area on both sides of the screen. Within the gray area, it cannot draw lines.</td>
</tr>
</tbody>
</table>
Get the License

1. Go to BenQ website to get the license key:


2. Enter the RP S/N which got from your RP display and customer information for QT Touch license.
3. One License code (24 digits) will be sent to your registered e-mail address.

4. Use the license code in QTouch > Tool > Register.

5. Please connect your PC to the Internet while you register the license code.

If failed to Connect to the Server

- Use Wi-Fi connecting to the network instead of using the internal proxy.
- Use Wi-Fi connecting to your cellphone to prevent the company firewall from blocking port 8000. The external network from telecommunications companies should not block the connection.
Upgrade the New Version


- If the license had been registered on a PC/NB successfully, it is not necessary to register the license again while upgrading the new version.
- The Check New Version item is cancelled in QTouch 2.2.

1. Uninstall the old QTouch from Windows start menu > All programs > QTouch > Uninstall

2. Double click “QTouchSetupVX.X.exe” and finish the whole installation.

3. Execute QTouch and check its version: Tool > Version