

# V4.1 Driver

## Instruction Manual

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# Compatibility

Windows 7 or later

Mac OS X 10.10 or later

Chrome OS 88 or later

Android: supporting USB 3.1 and DP 1.2 or later

Linux

## 1. Driver Guide

### 1.1 Driver Download

Go to the ugee website ([www.ugee.com](http://www.ugee.com)) and download the driver for the appropriate operating system based on the product model you have purchased.

Notes:

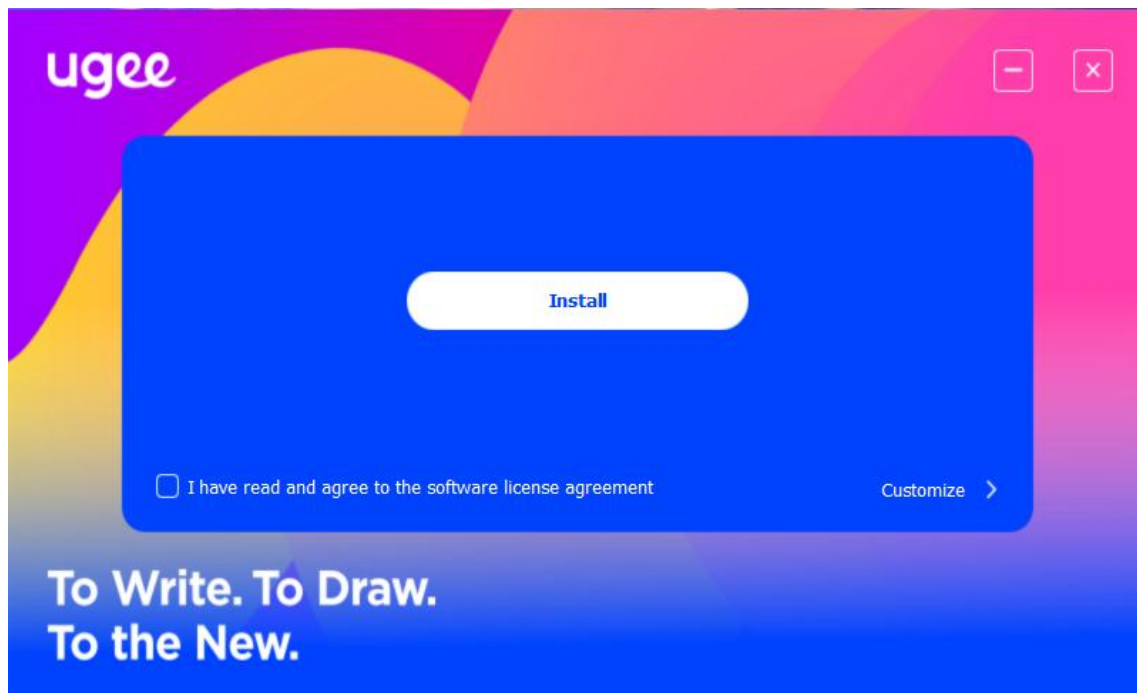
- ◆ Before installing the driver, turn off all antivirus software and graphics software.
- ◆ Uninstall drivers (if any) for other drawing tablets/displays before the installation.
- ◆ For optimal experience, restart your computer after the installation is completed.
- ◆ For the best performance for your device, we recommend you install the latest driver.

### 1.2 Driver Installation

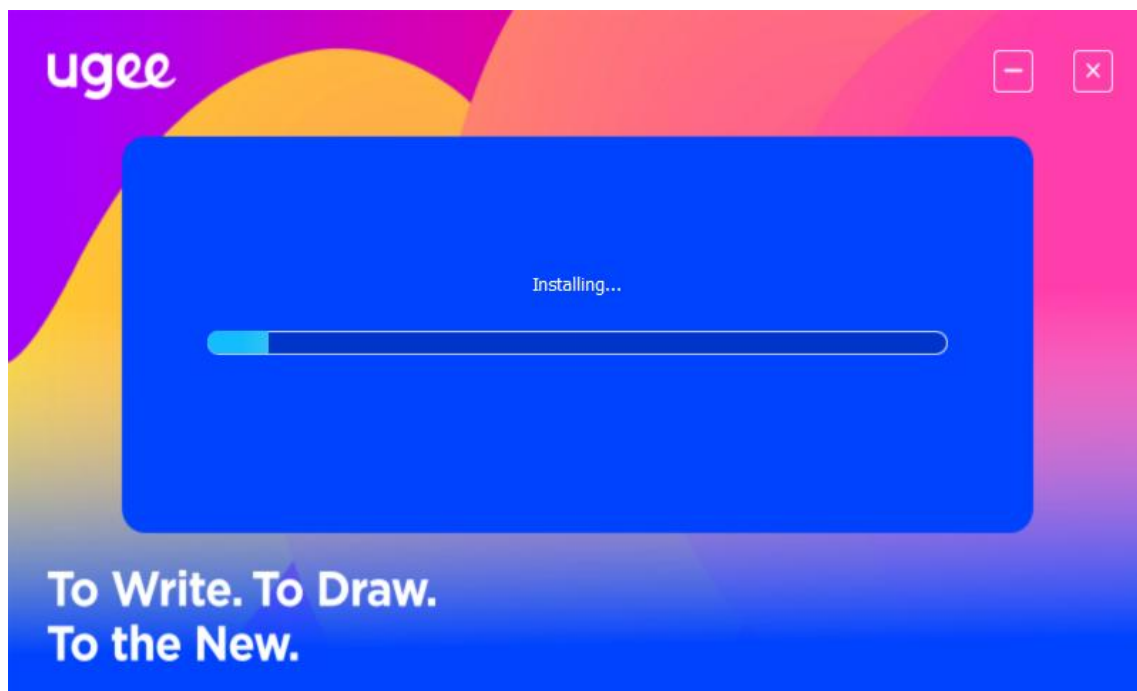
#### 1.2.1 Windows

Compatible with Windows 7 or later

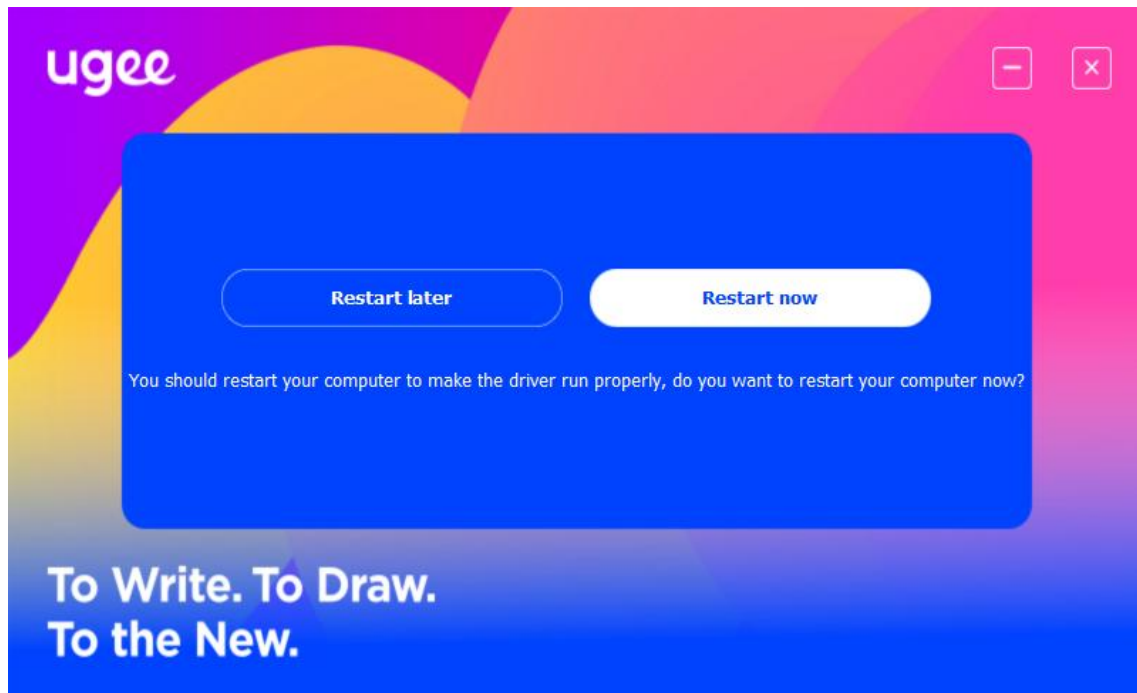
Unzip file. Run the "exe" file as administrator, and follow the prompts to complete the installation.



Windows driver installation interface



Windows driver installation process

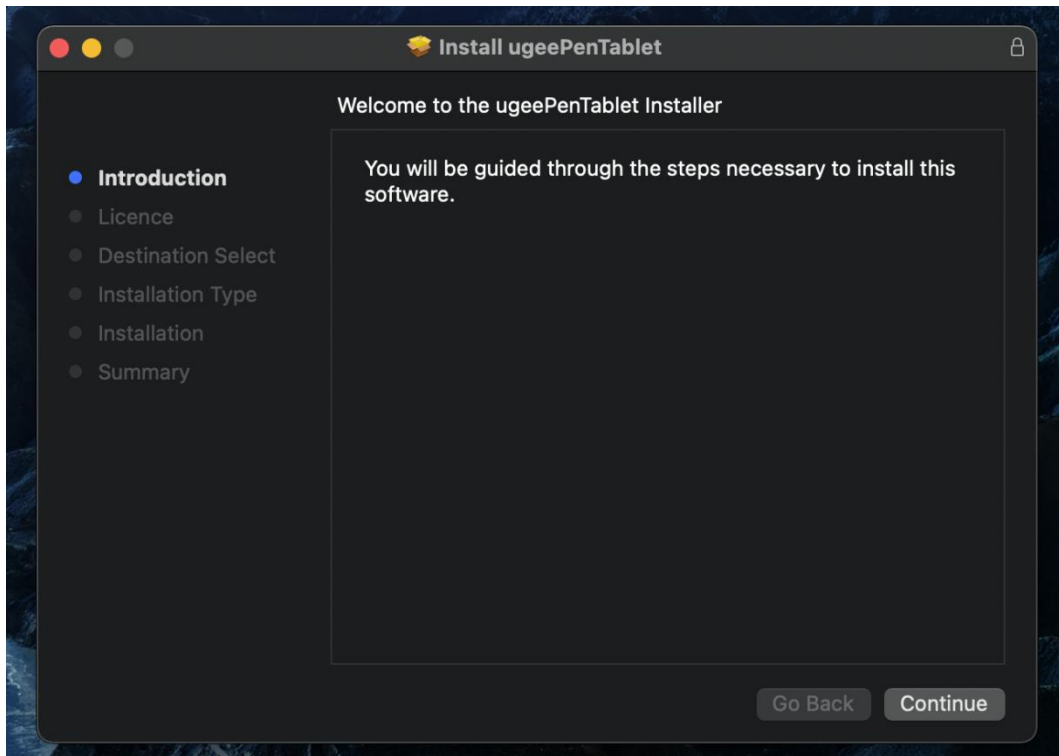


Windows driver installation complete

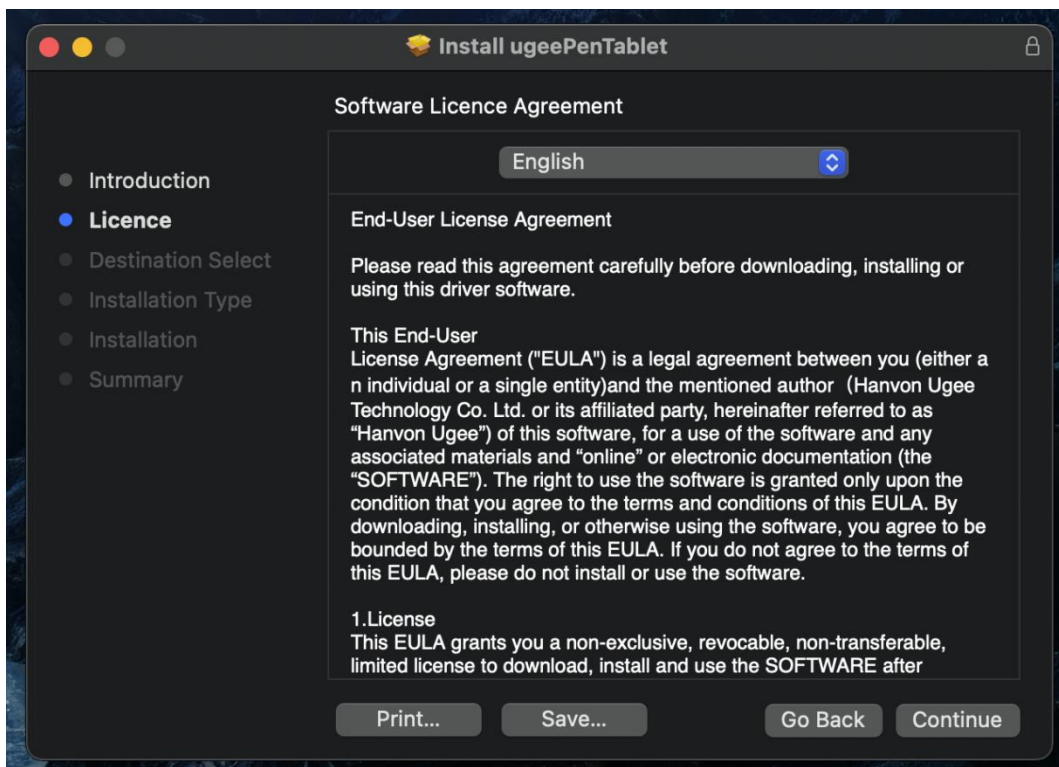
### 1.2.2 MacOS

Compatible with Mac OS X 10.12 or later

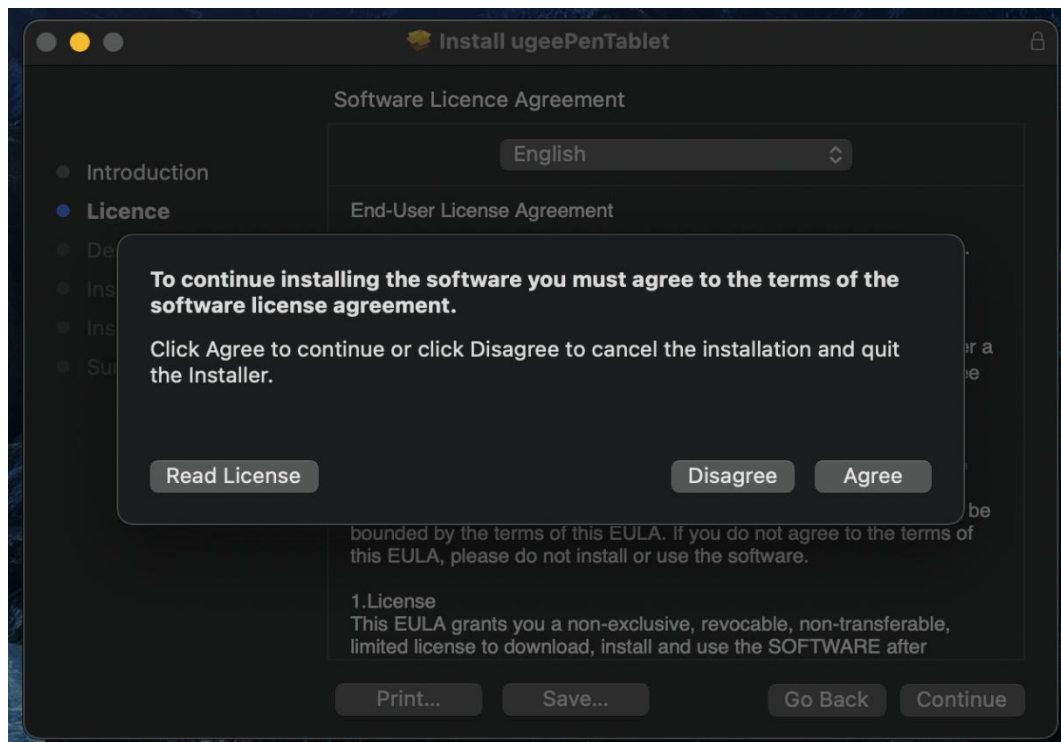
After the download is completed, run the .dmg file. Follow the steps below to install the driver.



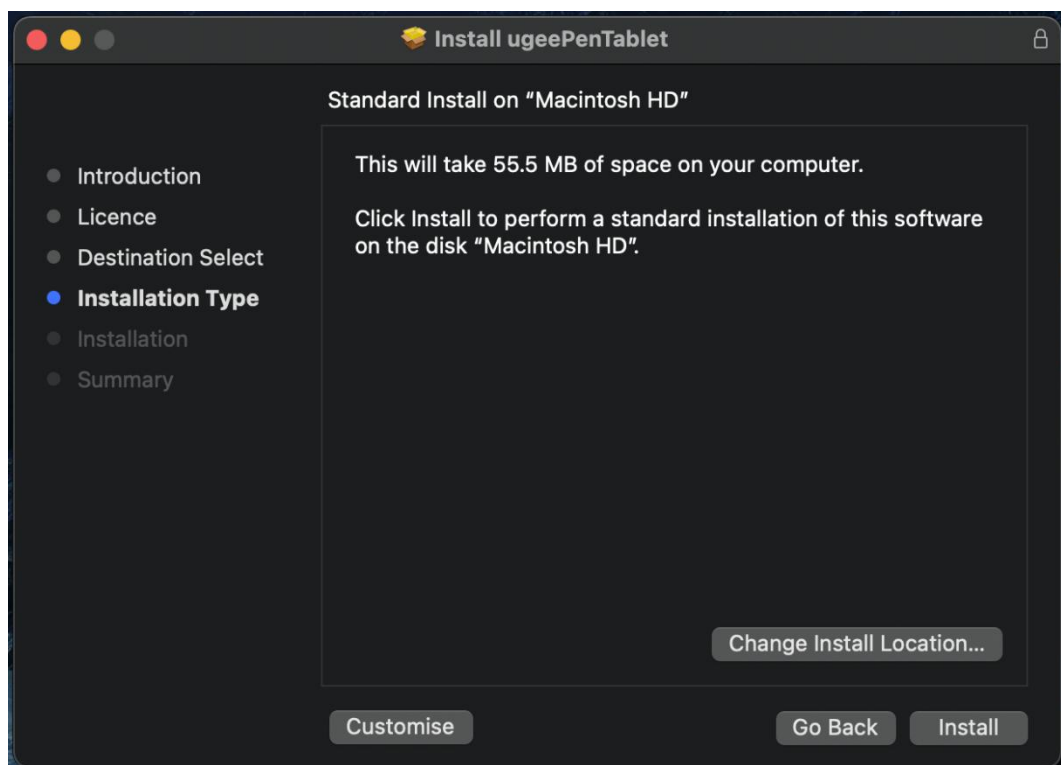
Step 1: Continue



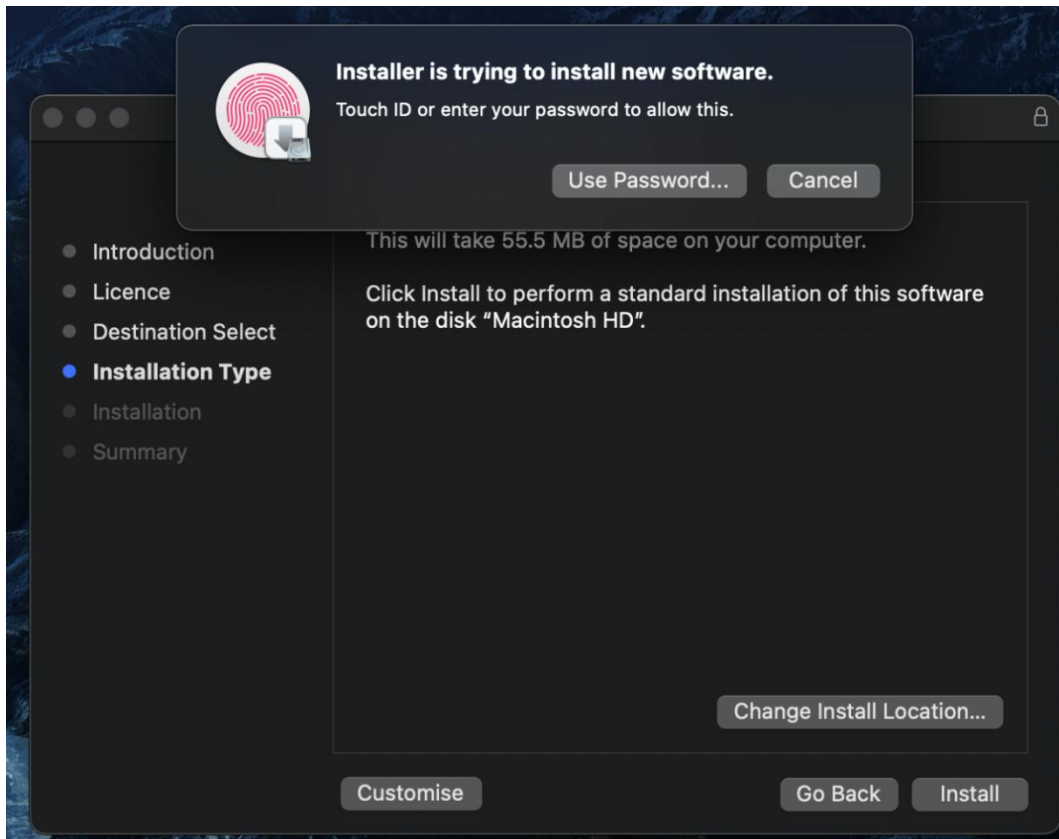
Step 2: Continue



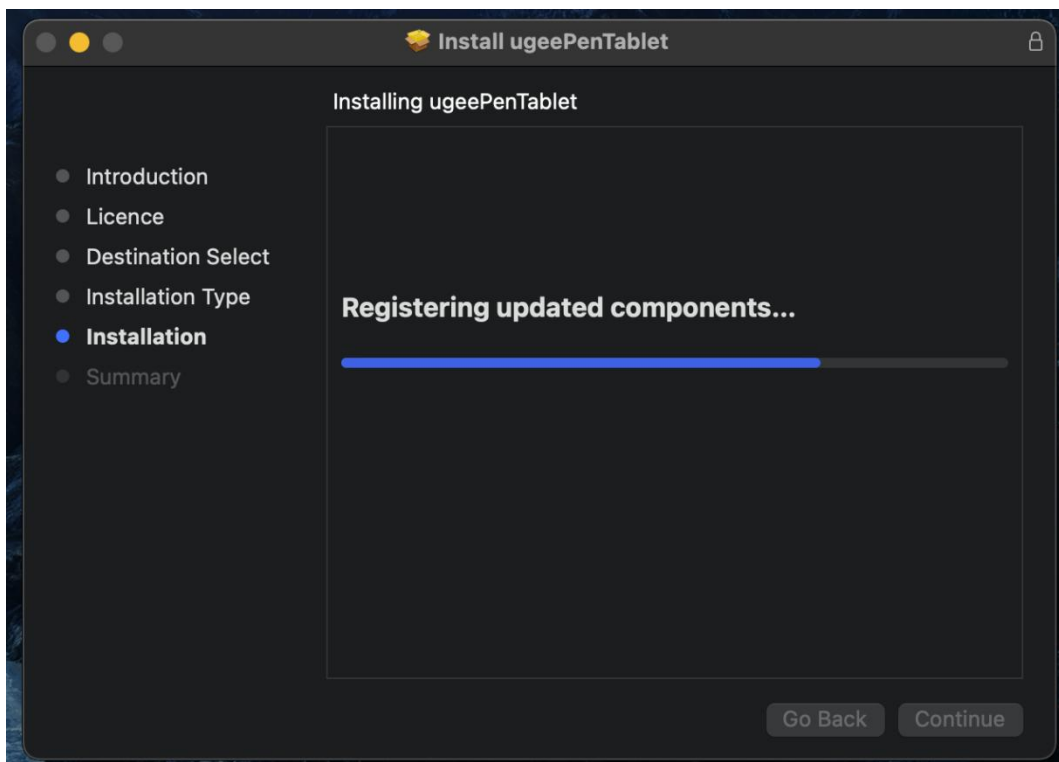
Step 3: Accept



Step 4: Install

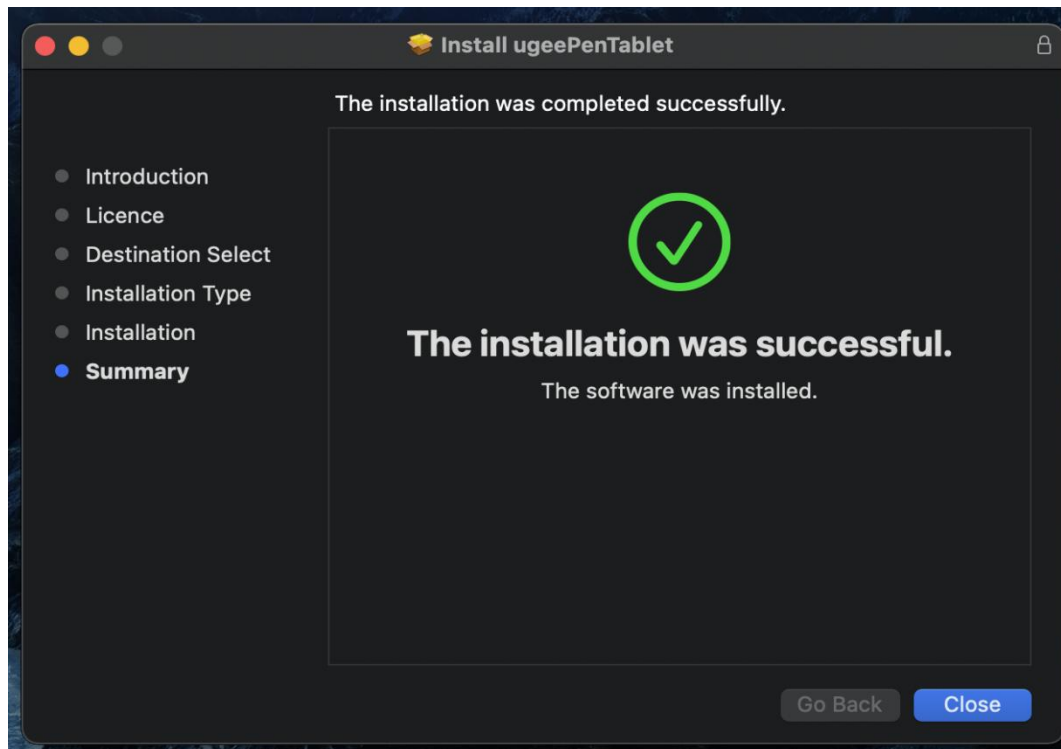


Step 5: Enter password



Step 6: Install driver

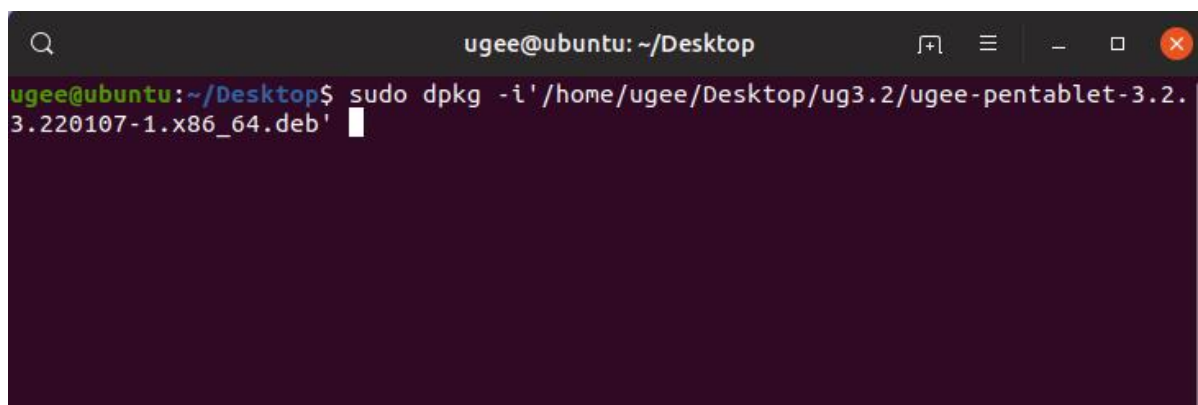




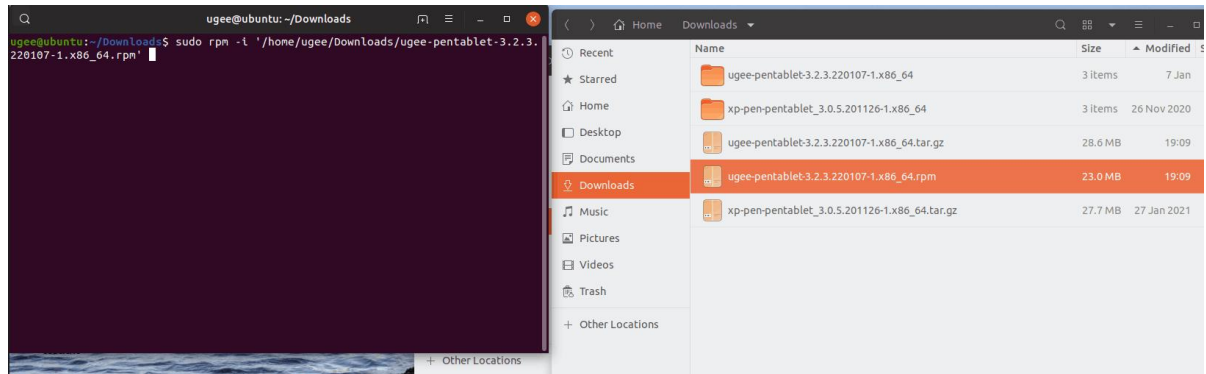
Step 7: Installation complete

### 1.2.3 Linux

Deb: Enter command `sudo dpkg -i`. Drag installation file to window and execute command.



Rpm: Enter command `sudo rpm -i`. Drag installation file to the window and execute command.



Tag.gz: Unzip file. Enter command sudo. Drag install.sh to the window and execute command.

## 1.3 How to Use Driver

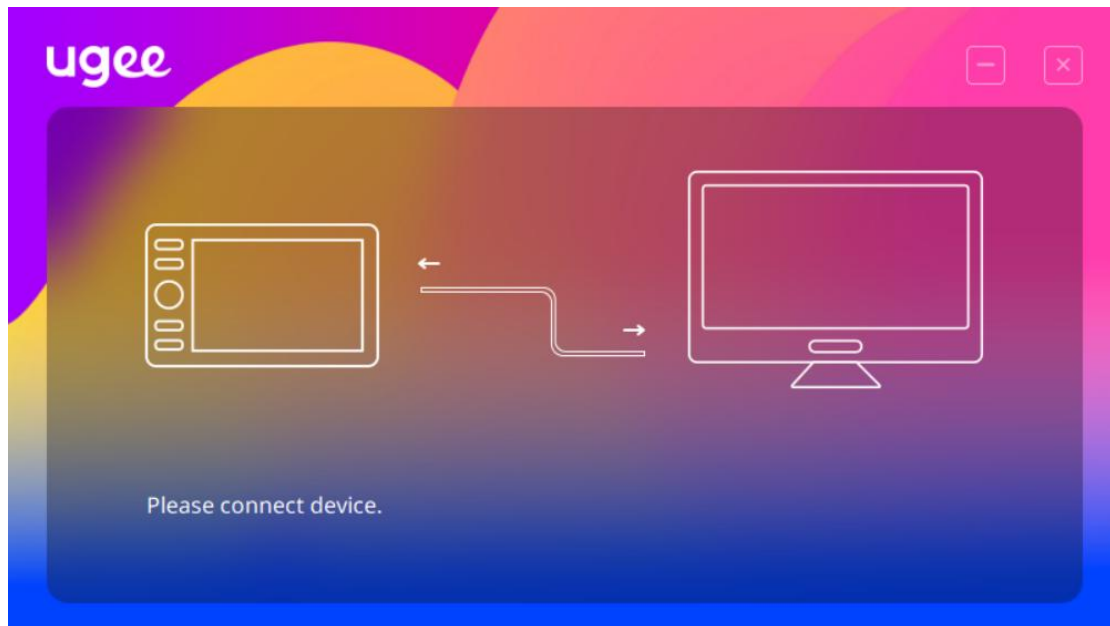
### 1.3.1 Connect to Device

The driver will run automatically after being installed. If it does not run automatically, go to the driver folder to run it manually.

Windows program path: Start→ugeeTablet

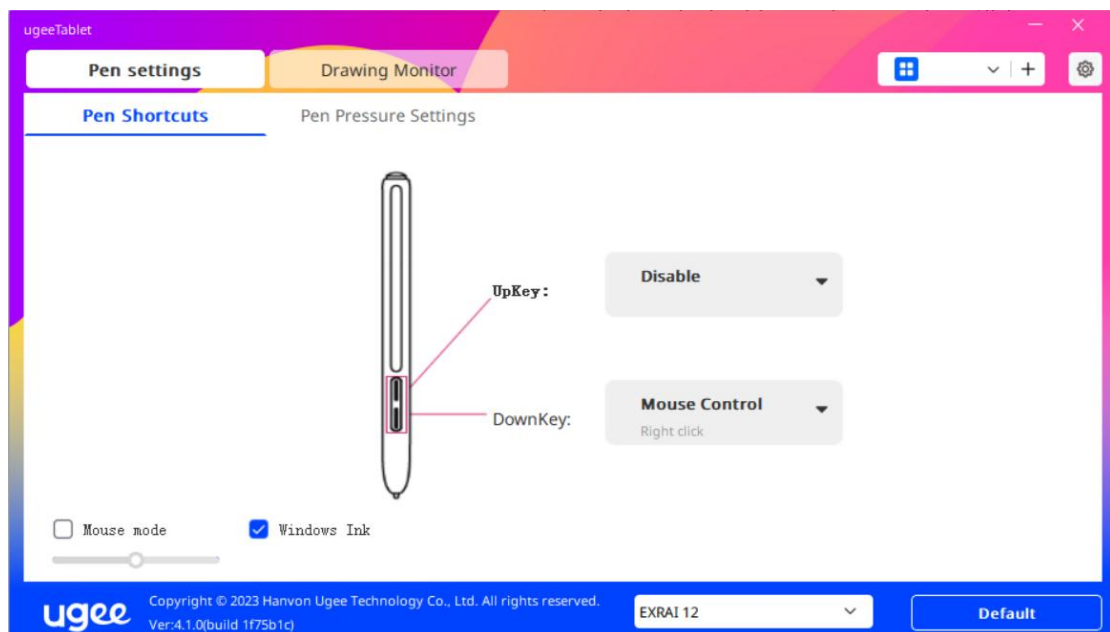
Mac program path: Application→UgeePenTablet→ugeeTablet

If the device is not connected or the connection fails, you will see the following prompt. In this case, restart your computer or the driver to connect it again or contact our service staff for support.



If the device is connected successfully, its product model will be displayed on the bottom right corner of the display, for example, EX12 as shown in the image.

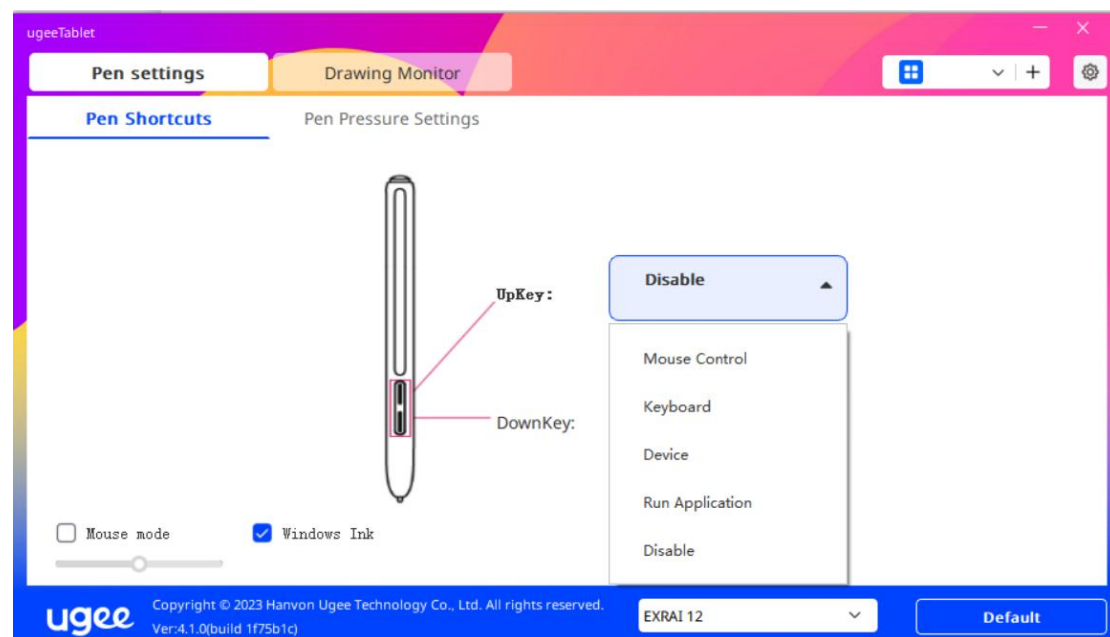
You can connect up to three devices via the driver at the same time. Click on drop-down menu to select device to activate. Customize the device's settings after switching to that device. All changes made will only apply to that device.



## 1.3.2 Pen Settings

### 1.3.2.1 Pen Shortcuts

Click on the drop-down menu to customize key functions. You can select five types of shortcut keys: Mouse Control, Keyboard, Device, Run Application, and Disable.



#### Mouse Control:

Set mouse and keyboard combination key. For example, if you select Shift and Left Click, you can execute the assigned shortcut command if the software supports this combination key.

**Mouse Control** (Click here to modify)

Key	<input type="checkbox"/> Shift	<input type="checkbox"/> Left Alt	<input type="checkbox"/> Right Alt	<input type="checkbox"/> Space	<input type="checkbox"/> Ctrl
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Mouse	<input type="radio"/> Left click	<input type="radio"/> Right click	<input type="radio"/> Middle click
	<input type="radio"/> Left double-click	<input type="radio"/> Scroll up	<input type="radio"/> Scroll down

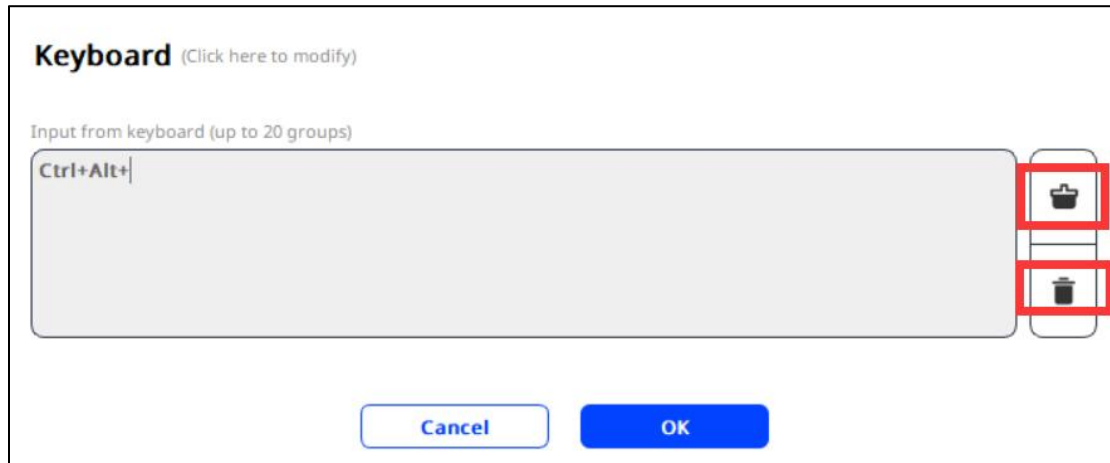
CancelOK

### Keyboard:

Set keyboard shortcut, for example, set it as Alt+A in 3D MAX, so the alignment tool can be used.

Clear: Clear all combination keys in the input box

Delete: Delete the last combination key

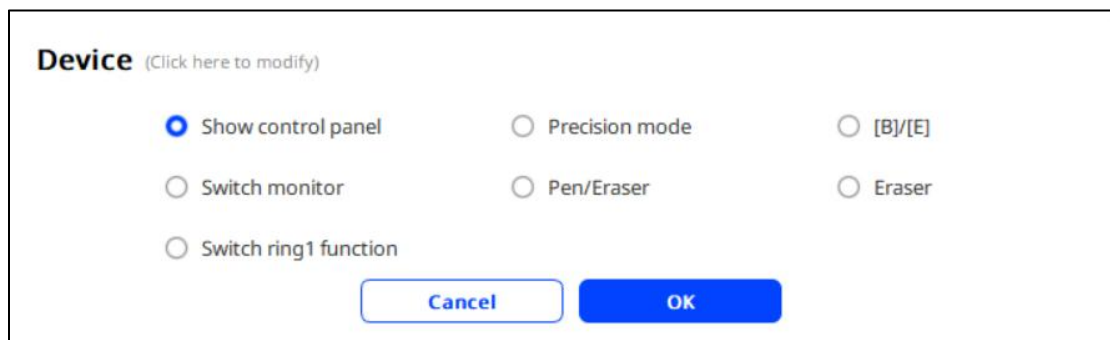


The screenshot shows a dialog box titled "Keyboard" with a link "(Click here to modify)". Below the title, it says "Input from keyboard (up to 20 groups)". There is a large text input field containing "Ctrl+Alt+" with a cursor. To the right of the input field is a vertical stack of three icons: a trash can, a keyboard, and another trash can. The top and bottom trash can icons are highlighted with red rectangular boxes. At the bottom of the dialog are "Cancel" and "OK" buttons.

### Device:

Execute selected function.

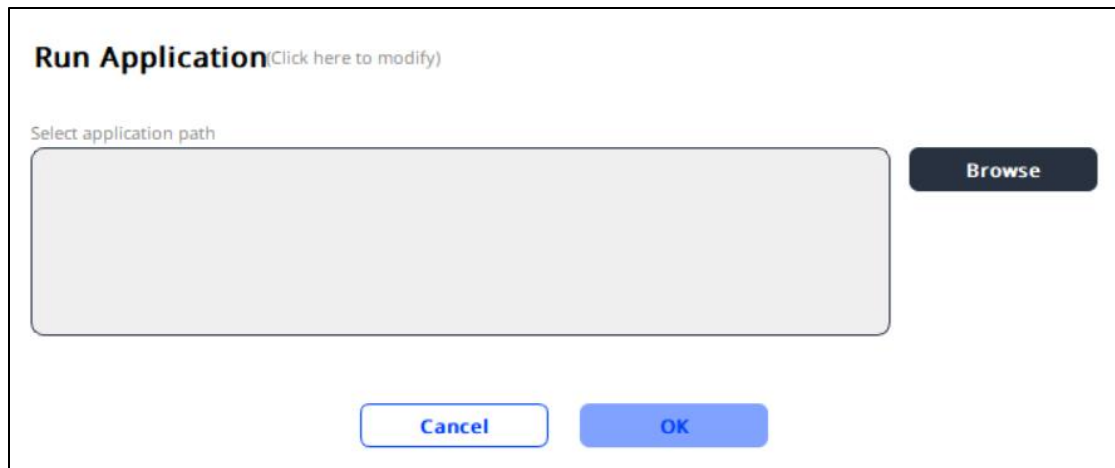
Precision mode: It limits the Work Area to a small area. This function allows you to draw more precisely in the area.



The screenshot shows a dialog box titled "Device" with a link "(Click here to modify)". It contains several radio button options arranged in three columns: "Show control panel" (selected), "Switch monitor", "Switch ring1 function", "Precision mode", "Pen/Eraser", "[B]/[E]", and "Eraser". At the bottom are "Cancel" and "OK" buttons.

### Run Application:

Run the selected application.



### **Disable:**

Key is disabled.

### **Mouse mode:**

When you remove your pen, the cursor will stay where you left, which is like operating a mouse. Select the mode and you can adjust the speed of the cursor on your device. If you do not select the mode, the pen mode applies by default.

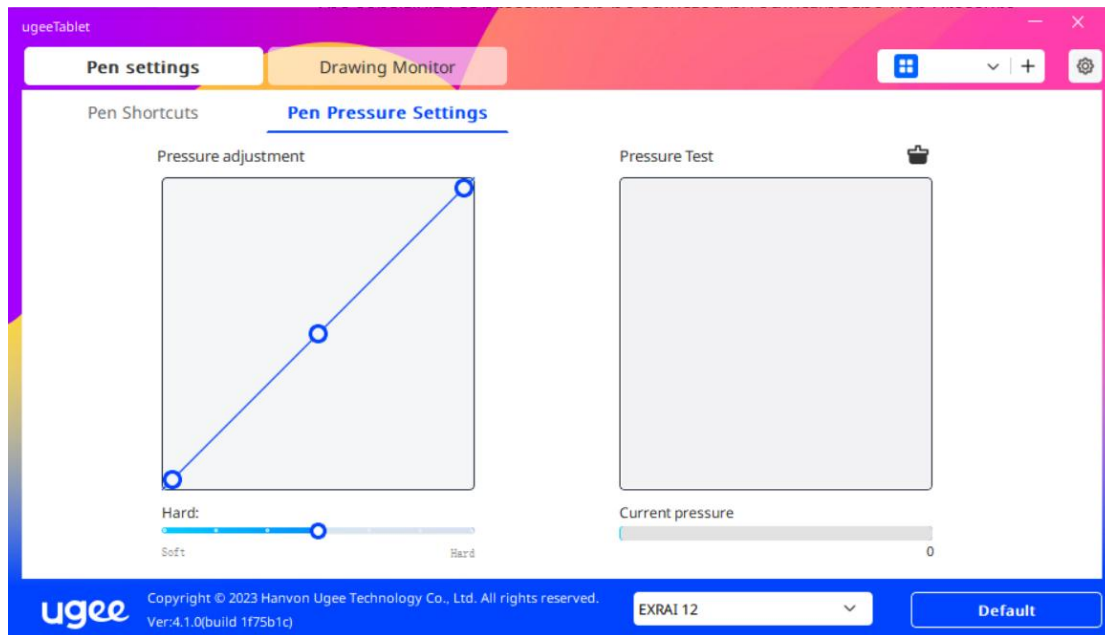
### **Windows Ink (for Windows only):**

Windows supports handwriting function. If you need to use this function in Microsoft Office/Whiteboard or other software, please do not turn it off.

## **1.3.2.2 Pen Pressure Settings**

The sensitivity of pressure can be adjusted by adjusting the Pen Pressure curve or moving the slider on the progress bar.

Test your current pen pressure with Pressure Test.



### 1.3.3 Pen Tablet/Display

#### 1.3.3.1 Work Area Settings

Go to Work Area and define the mapping between the device's Work Area and the screen display area.

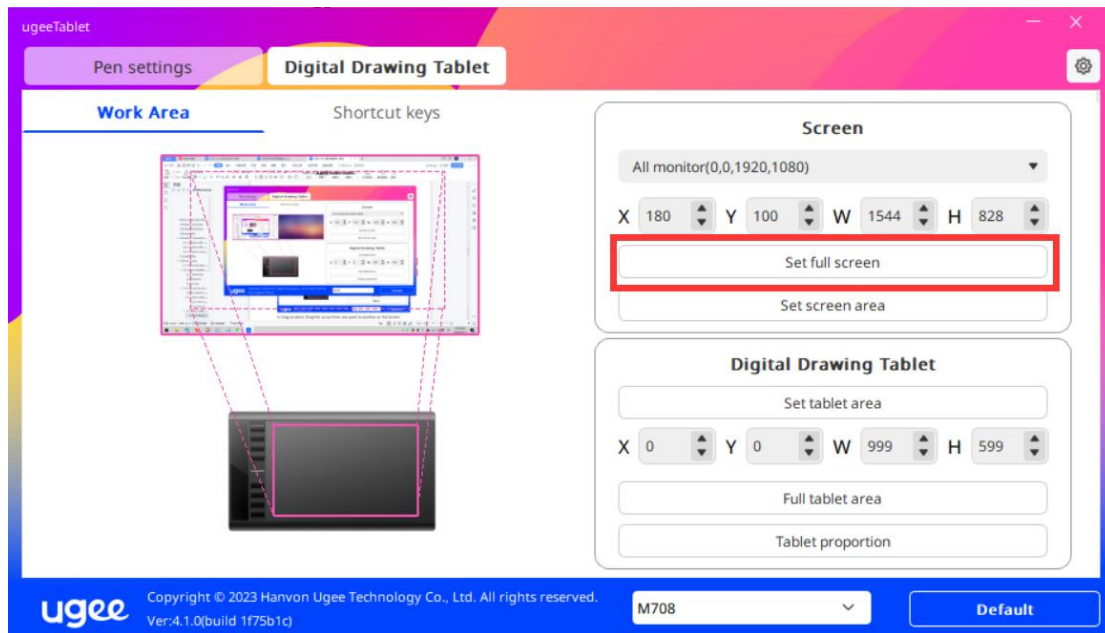
##### Screen

If multiple monitors are used in copy mode, the Work Area of the device will be mapped to all monitors. When the pen moves in the Work Area, the cursor on all monitors will move at the same time.

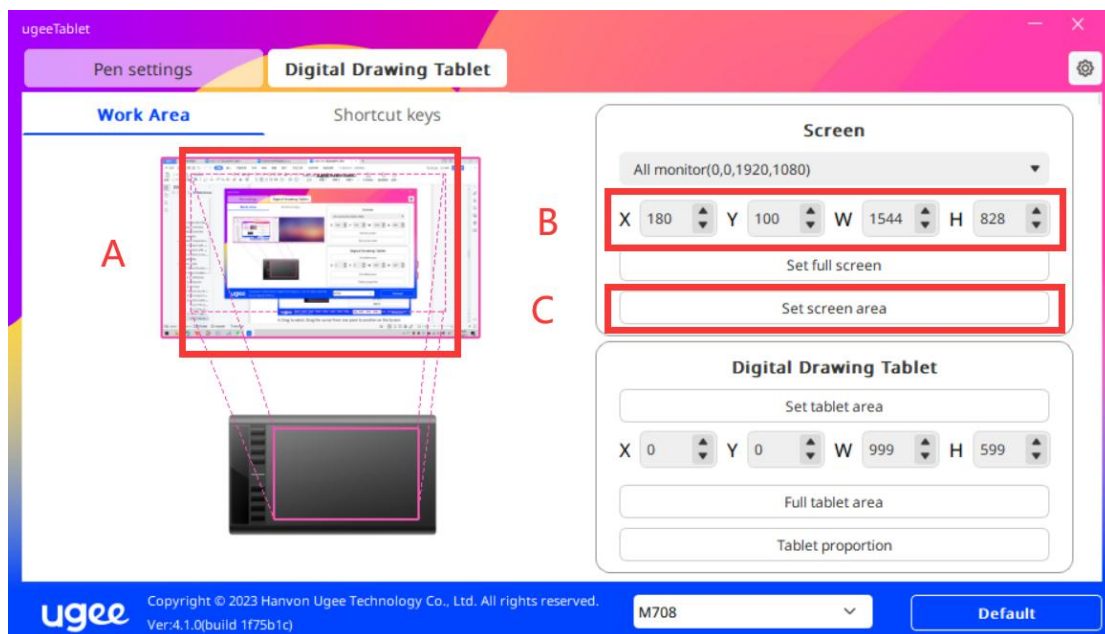
If multiple monitors are used in extended mode, go to monitor tabs to select one of the monitors that the Work Area of the device will be mapped to.

There are two available options to set the monitor mapping area:

1. Set full screen: The whole area of the selected monitor;



2. Customize screen area: There are three ways to customize the Work Area.



- A. Drag to select: Drag the cursor from one point to another on the Screen icon.
- B. Coordinates: Enter coordinates in input boxes next to them. X: X coordinate of top-left corner. Y: Y coordinate of top-left corner. W: Width of Work Area. H: Height of Work Area.

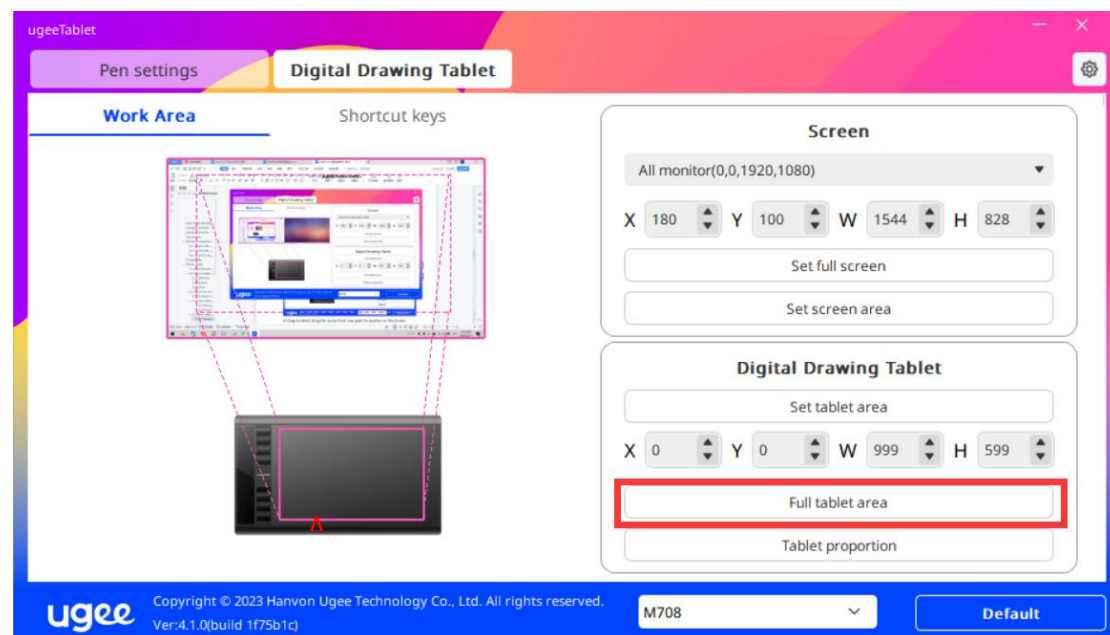


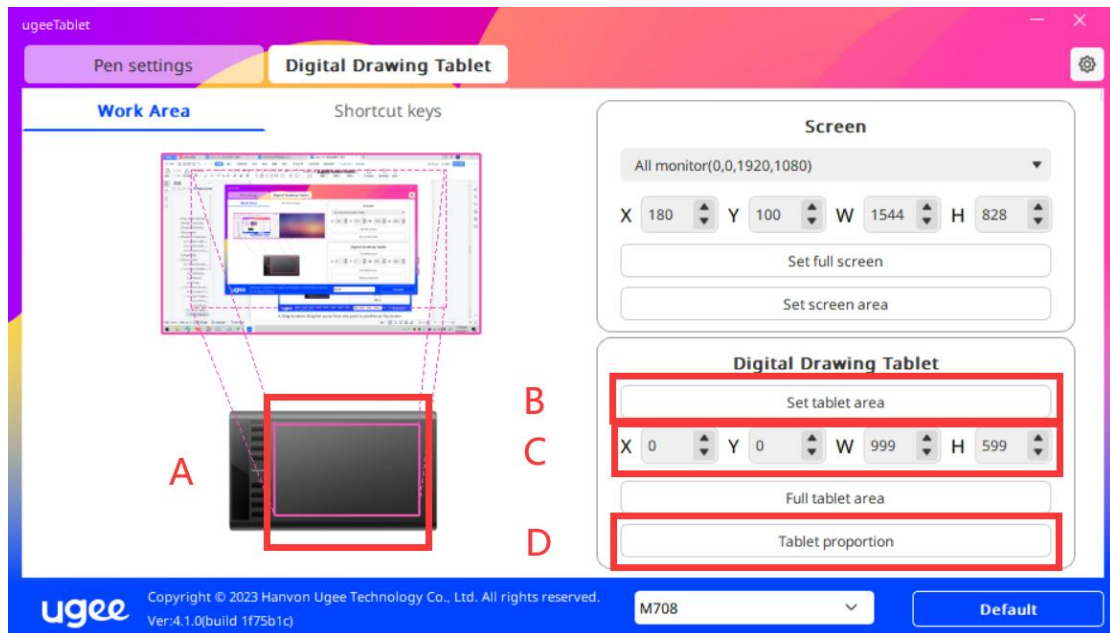
C. Select area with cursor: Click once. Follow the prompt and select the upper left corner position and lower right corner position.

## Pen Tablet/Display

You can set the Work Area of current device. The driver enables you to set the Work Area of the device in the following ways:

1. Full tablet area: The whole Work Area of the device.
2. Customize handwriting area: There are four ways to customize handwriting area.





A. Drag to select: Drag the cursor from one point to another on the Device icon.

B. Select area with stylus: Click once. Follow the prompt and select the upper left corner position and lower right corner position with your stylus.

C. Coordinates: Enter coordinates in input boxes next to them. X: X coordinate of top-left corner. Y: Y coordinate of top-left corner. W: Width of Work Area. H: Height of Work Area.

D. Tablet proportion: Sync the tablet proportion of your device's Work Area and selected monitor's full display area (e.g., if your monitor's tablet proportion is 16:9, the device's Work Area will be set as 16:9 after clicking on Tablet Proportion)

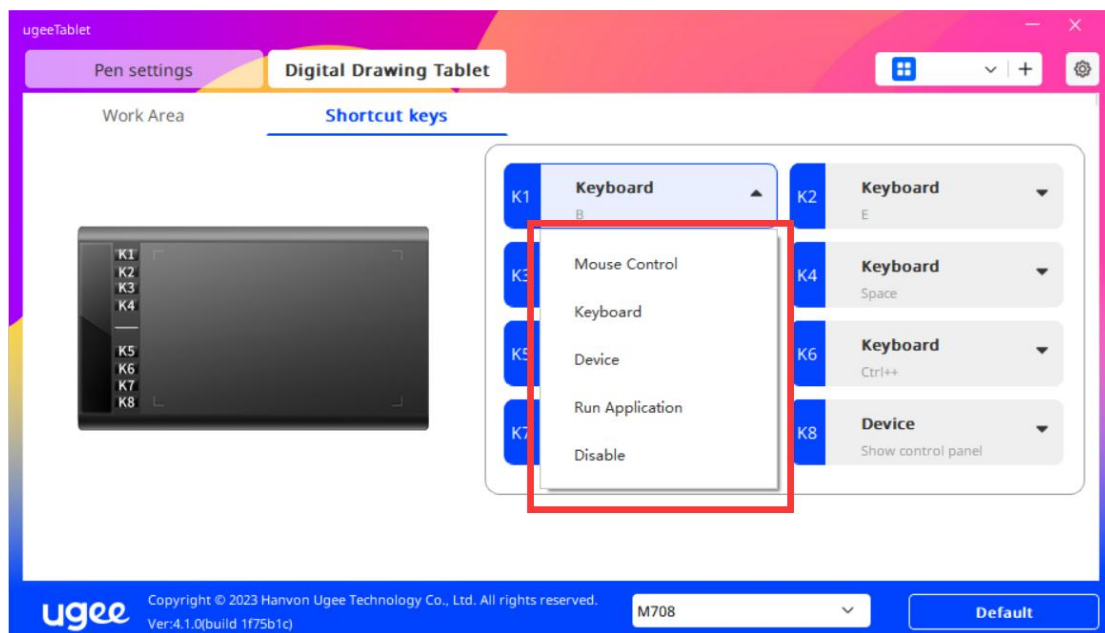
For example: After selecting tablet proportion, if you draw a circle on the device, a circle will appear on the screen, but some part of the Work Area may not be used; if tablet proportion is not selected, an ellipse would appear on the screen.

### 1.3.3.2 Pen Tablet/Display Shortcut Keys

The position and number of keys will differ due to product model. EX12 is used here for illustrative purposes.

Select a key, click on the drop-down menu and customize key function.

You can select five types of shortcut keys: Mouse Control, Keyboard, Device, Run Application, and Disable.



#### Mouse Control:

Set mouse and keyboard combination key. For example, if you select Shift and Left Click, you can execute the assigned shortcut command if the software supports this combination key.

**Mouse Control** (Click here to modify)

Key

☐ Shift

☐ Left Alt

☐ Right Alt

☐ Space

☐ Ctrl

Mouse

☐ Left click

☐ Right click

☐ Middle click

☐ Left double-click

☐ Scroll up

☐ Scroll down

Cancel

OK

### Keyboard:

Set keyboard shortcut, for example, set it as Alt+A in 3D MAX, so the alignment tool can be used.

Clear: Clear all combination keys in the input box

Delete: Delete the last combination key

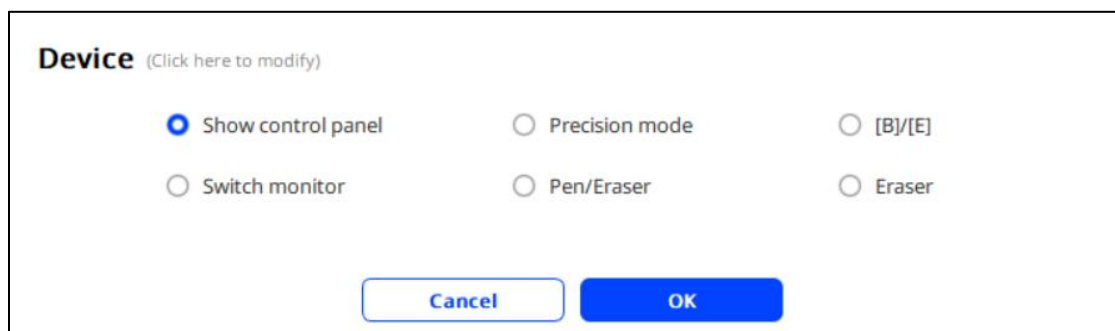


The 'Keyboard' dialog box features a title bar with the text 'Keyboard' and a link '(Click here to modify)'. Below the title, it says 'Input from keyboard (up to 20 groups)'. A large text input field contains 'Ctrl+Alt+'. To the right of the input field are two trash can icons for clearing or deleting. At the bottom are 'Cancel' and 'OK' buttons.

### Device:

Execute selected function.

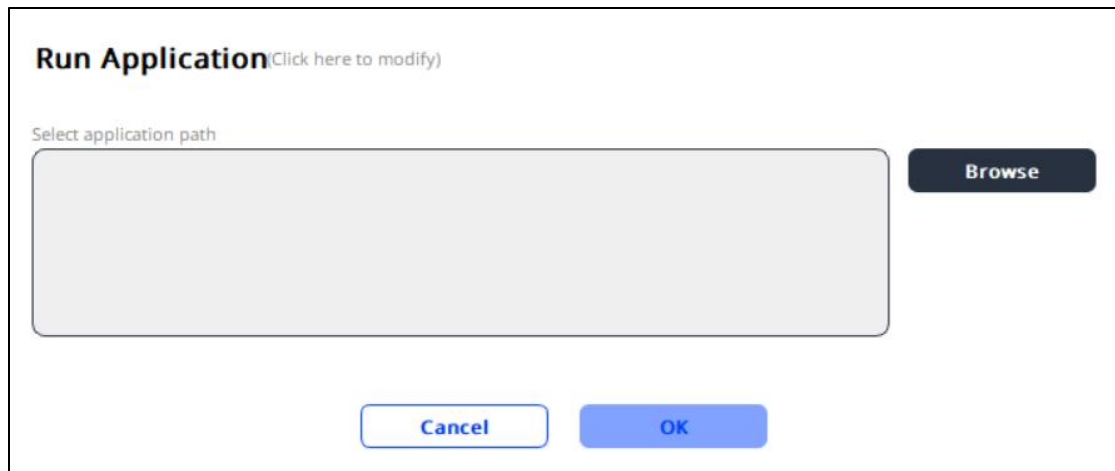
Precision mode: It limits the Work Area to a small area. This function allows you to draw more precisely in the area.



The 'Device' dialog box has a title bar with 'Device' and a link '(Click here to modify)'. It contains six radio button options arranged in two rows: 'Show control panel' (selected), 'Switch monitor', 'Precision mode', 'Pen/Eraser', '[B]/[E]', and 'Eraser'. At the bottom are 'Cancel' and 'OK' buttons.

### Run Application:

Run the selected application.



The image shows a 'Run Application' dialog box. At the top, the title 'Run Application' is followed by a link '(Click here to modify)'. Below this, the text 'Select application path' is positioned above a large, empty rectangular text input field. To the right of the input field is a dark blue button labeled 'Browse'. At the bottom of the dialog, there are two buttons: a light blue 'Cancel' button on the left and a blue 'OK' button on the right.

### Disable:

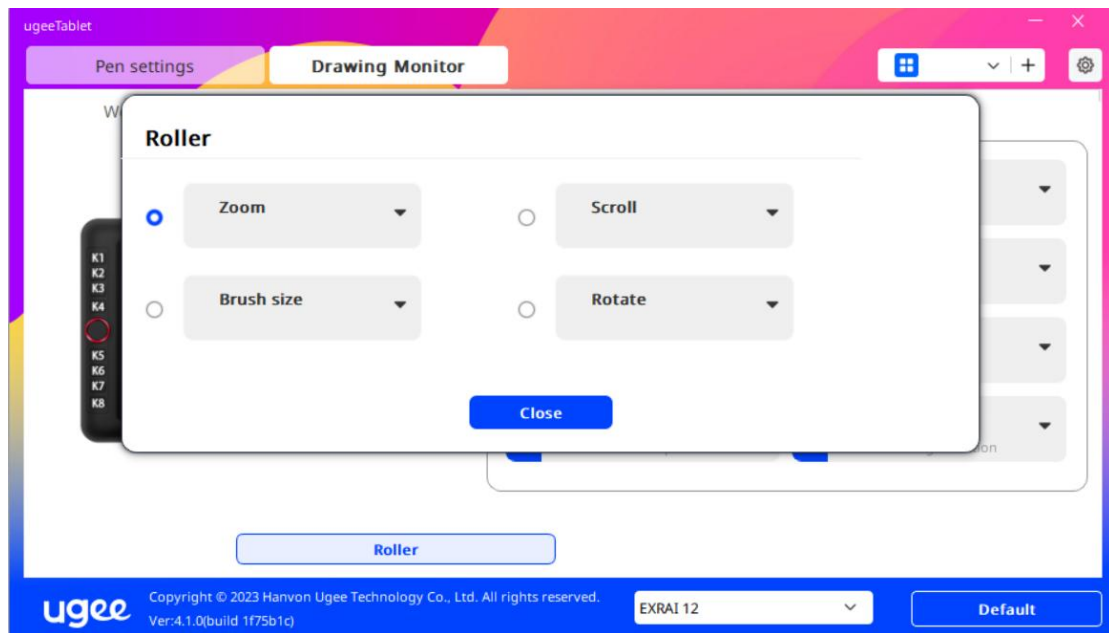
Key is disabled.

### Wheel

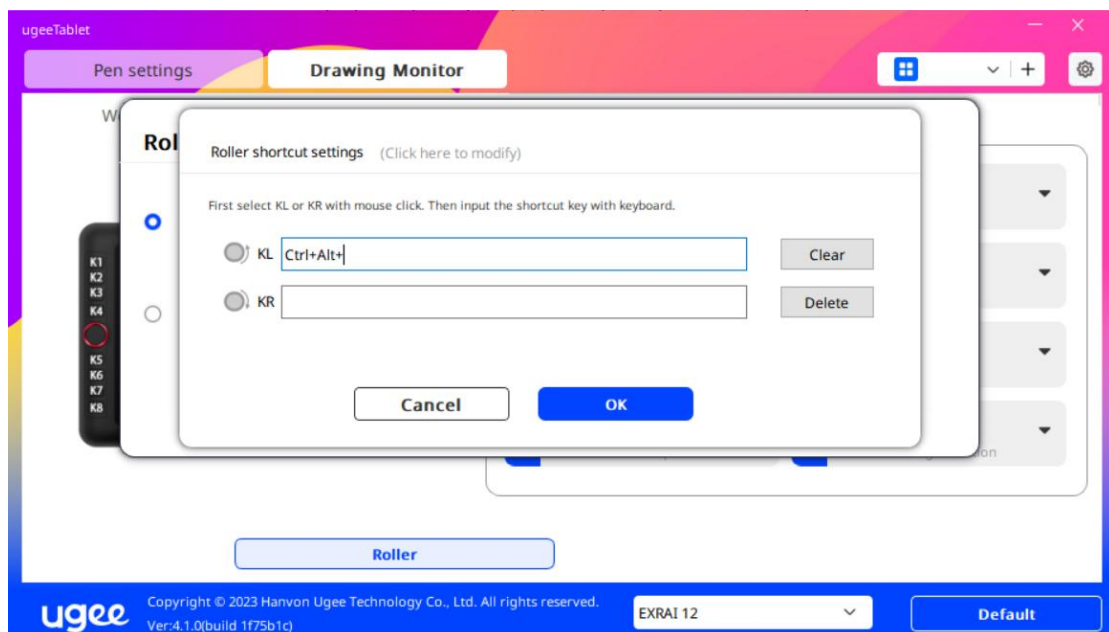
Some product models come with a roller. The "Roller" button is shown on the Shortcut Keys page. Click to edit Roller settings.

You can adjust the following four parameters:

- A. Zoom: Zoom canvas
- B. Scroll: Scroll canvas vertically
- C. Brush Size: Adjust brush size
- D. Rotate: Rotate canvas



You can also customize or disable the above parameters. Choose to rotate clockwise/counter-clockwise to customize parameters.



### 1.3.4 Driver Settings

Setting

Monitor

Calibrate

Show display number

Drawing Monitor

Rotation setting

☒ 0°

☐ 90°

☐ 180°

☐ 270°

Display Setting

Other

☐ Disable shortcut keys

☐ Disable message

☐ Disable pressure

☐ Disable tilt

Import config

Export config

Diagnostic tool

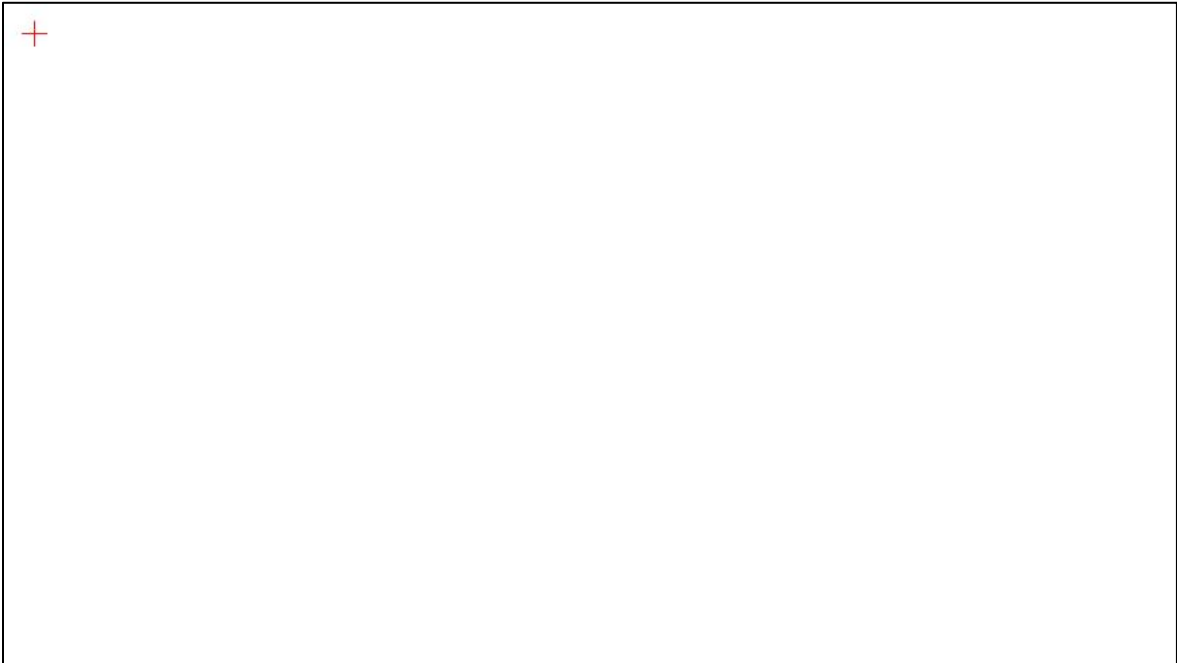
Video Tutorials

User Manual

Close

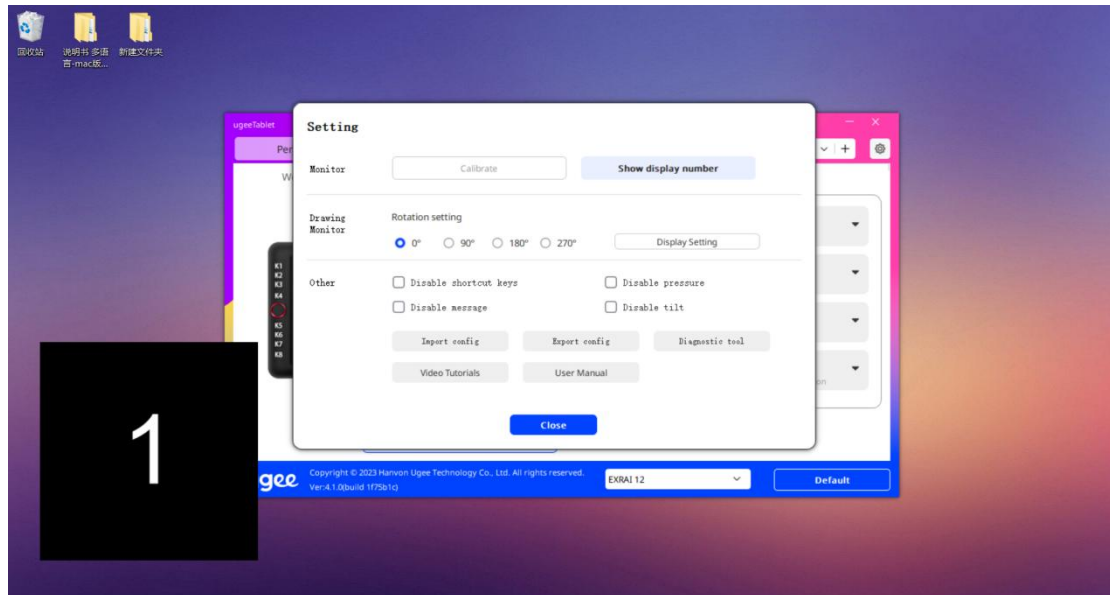
#### Screen calibration (for drawing monitors only)

Click on the crosshair cursor on the prompted position to calibrate the offset between the stylus and cursor.



## Show monitor number

Identify all connected monitors. The monitor number will be displayed in the lower left corner of each monitor.



## Rotation settings:

You can set the device to 0°, 90°, 180° or 270°. Rotate the device to the corresponding direction after setting rotation.

## Display settings (for some drawing monitors and Windows system only)

Adjust the drawing monitor's color temperature, brightness and contrast.



Display Setting

ColorTemperatureBrightness

50

Contrast

50

☐ 5000K
☒ 6500K
☐ 7500K
☐ 9300K
☐ USER

Red

50

Blue

50

Green

50

Default

OK

## Other functions

Disable shortcut keys: Disable all shortcut keys.

Disable pen pressure: You will not feel the pressure of the stylus during use.

Disable message: Disable message is shown at the bottom of the screen while using the device and shortcut keys.

Disable tilt: Disable the stylus's tilt effect.

## Import config:

You can import configured shortcut keys and other functions.

## Export config:

Export saved settings in a configuration file. A pop-up window will appear to notify you when the configuration file is exported successfully.

## Diagnostic tool

If you encounter any issues while using the driver, please use the diagnostic tool to check hardware/environmental data for troubleshooting. Should you approach our customer/technical support, this data will also be helpful to our staff helping you.

**Diagnostic tool**

**Hardware detection**

Product:	EXRAI 12
device:	PID_091F
Firmware version:	UG901_LPU1102F
Current X:	
Current Y:	
Current pressure:	

**Environmental detection**

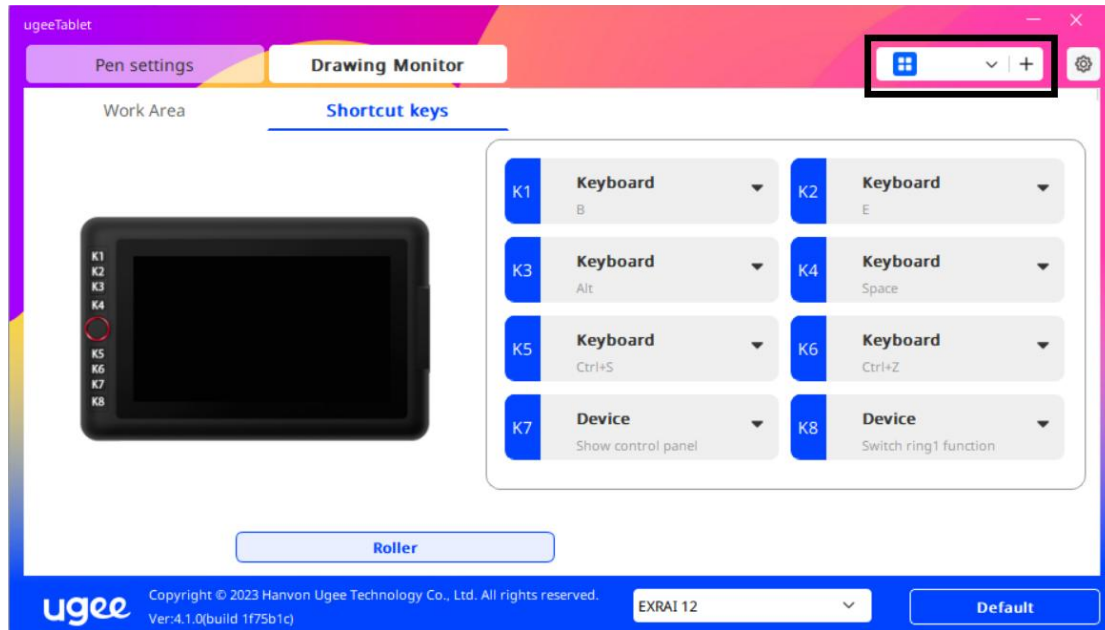
System version:	Windows 10 x86_64 10.0.19045
Driver version:	Ver:4.1.0(build 1f75b1c)
Configuration version:	1.2

Close

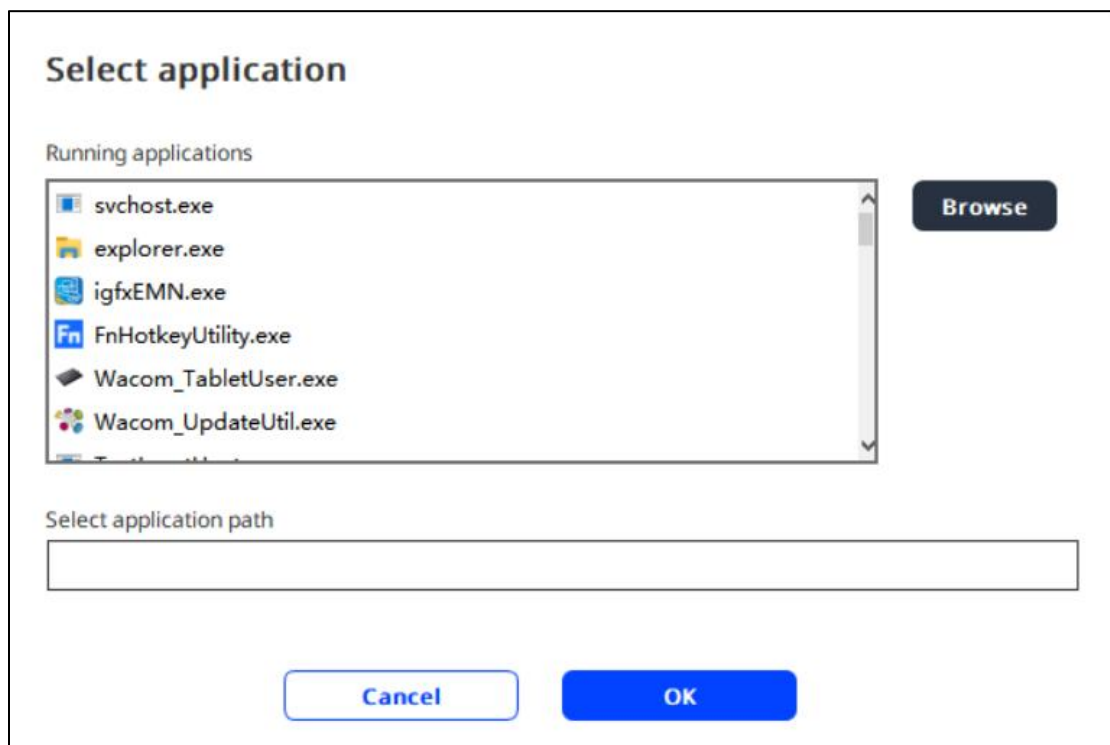
## 1.3.5 Applications and Others

### 1.3.5.1 Add Application

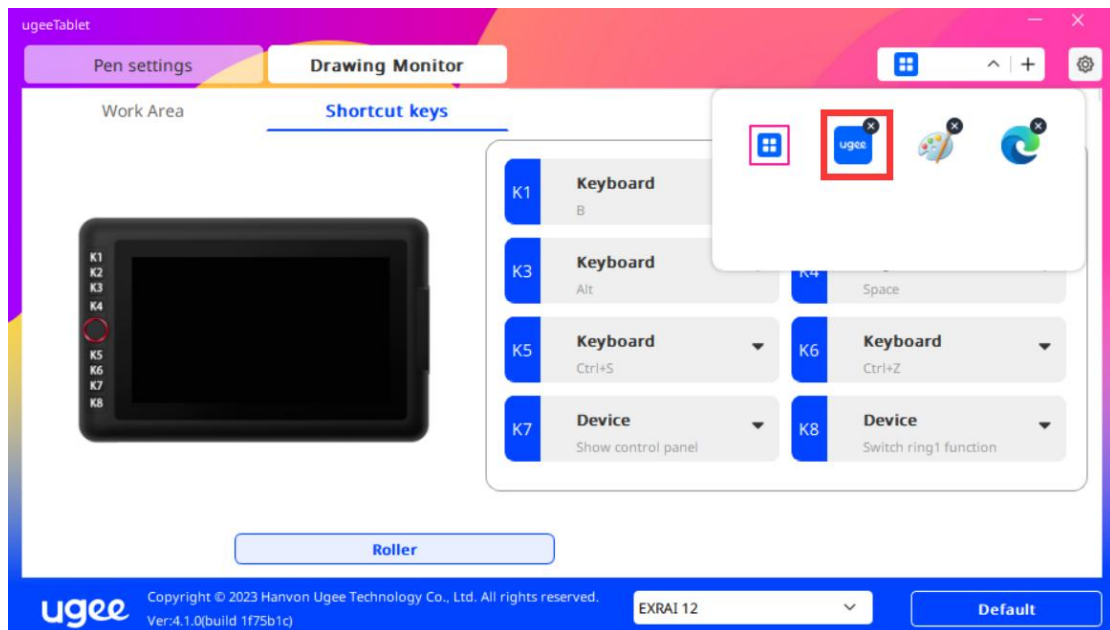
Click the "+" icon on the upper right corner to add application.



Select the application from the list of installed applications or click "Browse" and select the application path.

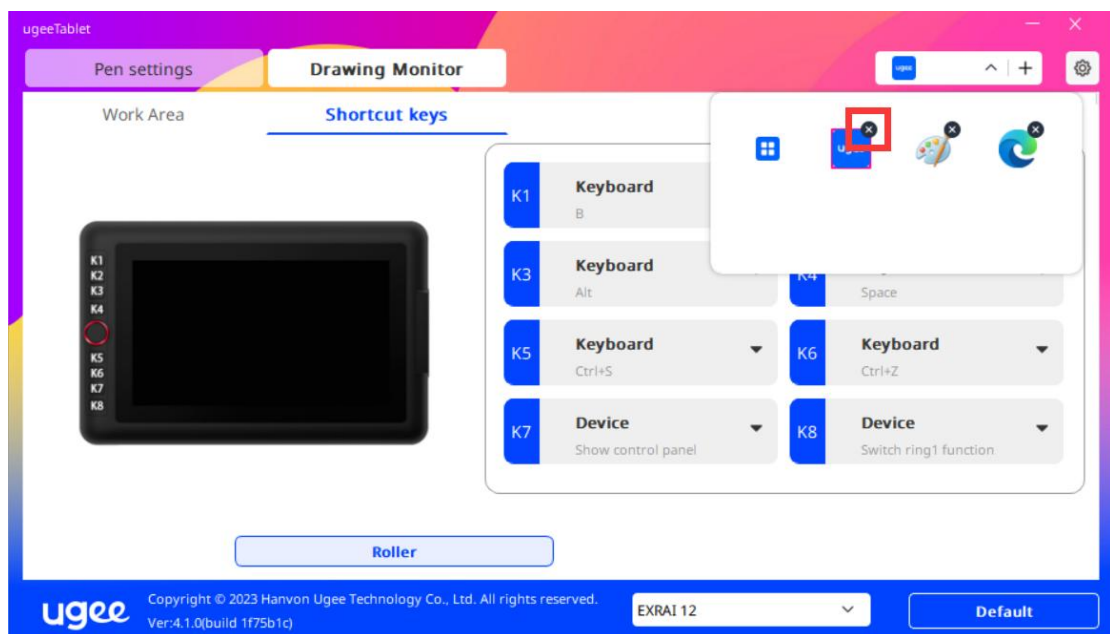


Next, click OK to add selected application.



### 1.3.5.2 Delete Application

Click on the drop-down menu and select the application. Then click on "x" on the top right corner to delete the application.



### 1.3.5.3 Others

Restore default settings: Click to restore all settings to default settings.

## 1.4 Uninstallation

### 1.4.1 Windows

Go to Start -> Settings -> Apps -> Apps & Features, find "ugeeTablet" and then left-click "Uninstall" as per prompts.

### 1.4.2 MacOS

Go to Go to -> Application and locate ugeeTablet. Click on "UgeeTabletUninstall" and follow the prompts to uninstall.

### 1.4.3 Linux

Deb: Enter command `sudo dpkg -r ugee-pentablet` and execute the command.

Rpm: Enter command `sudo rpm -e ugee-pentablet` and execute the command.

Tag.gz: Unzip file. Enter command `sudo`. Drag `uninstall.sh` to the window and execute command.

## 2. FAQs

### 2.1 Pen pressure seems to be disabled

- Check if the drawing software supports pen pressure.

- Please download the latest driver from ugee website, and check if the pen pressure is normal.
- Before installing the driver, turn off your antivirus software and graphics software.
- Uninstall drivers for other drawing displays before installation.
- Restart your computer after the installation is completed;
- If the pen pressure is normal (Windows: ensure Windows Ink is enabled in the pen settings of the driver), start the drawing software testing.

## **2.2 My stylus keeps lagging/freezing**

- Check if the computer configuration (CPU&GPU) meets the recommended configuration requirements for the drawing software installed, and optimize related functions via Settings according to the useful FAQs posted on the official website of the drawing software in use.

## **2.3 My monitor isn't displaying anything**

- Check if the device is connected to power supply properly.
- Check if the cable is connected properly.
- Check if the power indicator is on. If not, check the cable and restart the device.
- If the signal is unstable, check if the cable port is stable.

## **2.4 My computer doesn't recognize the device**

- Check if your computer's USB port used works normally; if not, use another USB port.

## 2.5 My stylus is not working

- Check if the stylus is compatible with the device.
- Install driver and check if the driver's pen settings are correct.

## 2.6 My pen nib is offset

- Calibrate the pen nib with the driver.

If you encounter any issues, please visit <https://www.ugee.com/faq> and

refer to the FAQs. You may reach us at:

Email: [service@ugee.com](mailto:service@ugee.com)