

## Kamvas 16 (Gen 3)



Thanks for choosing the HUION Kamvas series pen displays.

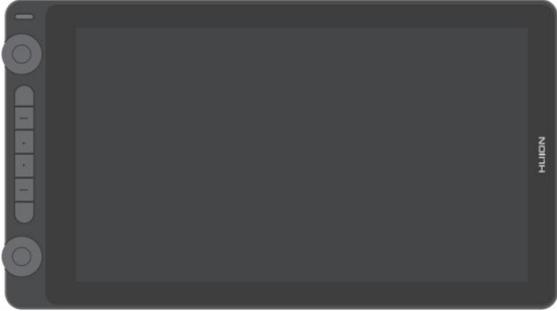
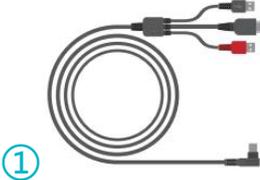
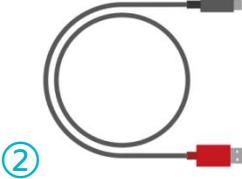
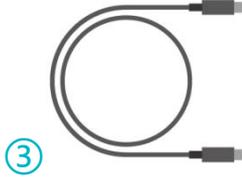
Kamvas 16 (Gen 3) is a new generation of creative drawing pen displays with dual side-mounted dial controllers for designers. Boasting high performance and versatility, Kamvas 16 (Gen 3) provides an unparalleled drawing and creation experience for its users.

To ensure that you fully understand and efficiently use this product, we strongly recommend that you read this user manual carefully.

**Note:** The pictures in the manual are for reference only and are intended to assist you in understanding the design and function of the product. A change in design or specification may occur without notice.

# 1. Accessories

After unpacking, make sure you receive the following items:

Kamvas 16 (Gen 3) Pen Display * 1	
3-in-1 Cable (1.8m) * 1	
USB Power Cable*1	
Full-featured USB-C to USB-C Cable*1	
USB-A Extension Cable (1.2m) * 1	
USB Power Adapter*1	
PW600L Digital Pen * 1	
PH06 Pen Holder * 1	

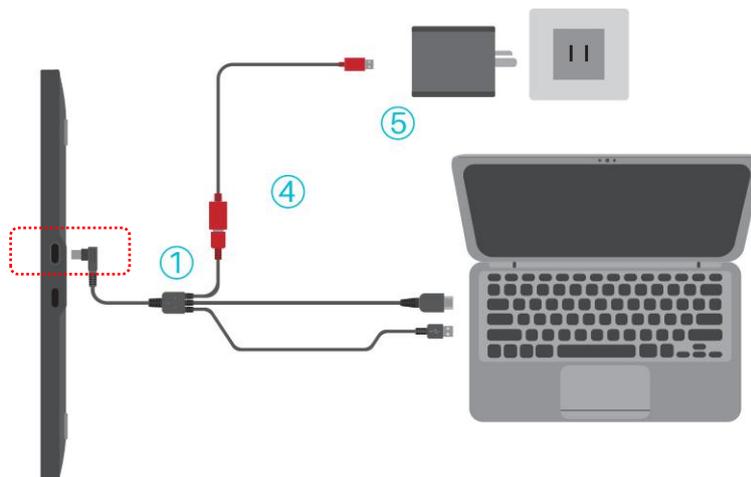
PN06 Pen Nib * 10 (Included in the pen holder)	
ST300 Stand * 1 (Optional)	
Cleaning Cloth * 1	
Glove * 1	
Quick Start Guide * 1	

## 2. Connection

The pen display can be connected to computers and Android devices. Please refer to the following connection methods.

### 2.1. Connect via a 3-in-1 Cable

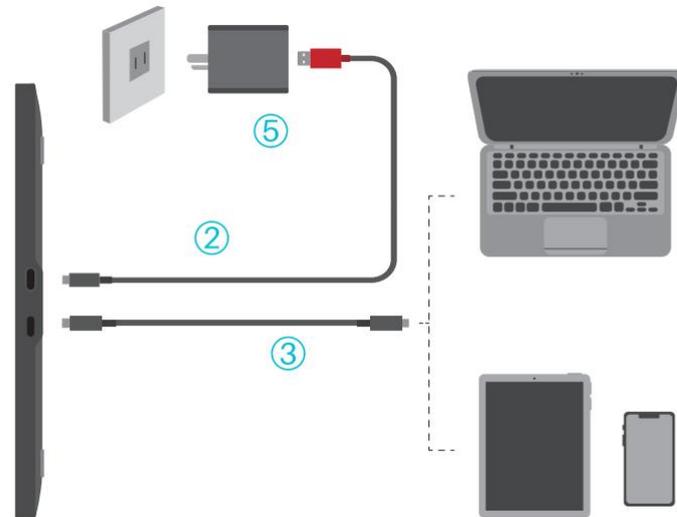
1. Connect the USB-C cable of the 3-in-1 cable to the first USB-C port on the side of the pen display.
2. Connect the USB-A cable, HDMI cable, and USB-A power cable on the other end of the 3-in-1 cable to the corresponding ports on your computer.



### 2.2. Connect via a Full-featured USB-C Cable

1. Plug one end of the full-featured USB-C cable into the second USB-C port on the side of the pen display (as shown in the picture below) and the other end into the USB-C port that supports graphic output on your computer/tablet/mobile phone.
2. If the screen does not light up, or the screen flicker or black screen issues occur, please plug one end of the USB-C power cable into the first USB-C port on the side of the pen display and the other end into a power adapter, and connect the power

adapter to a power source to provide the necessary additional power support to achieve a stable connection.

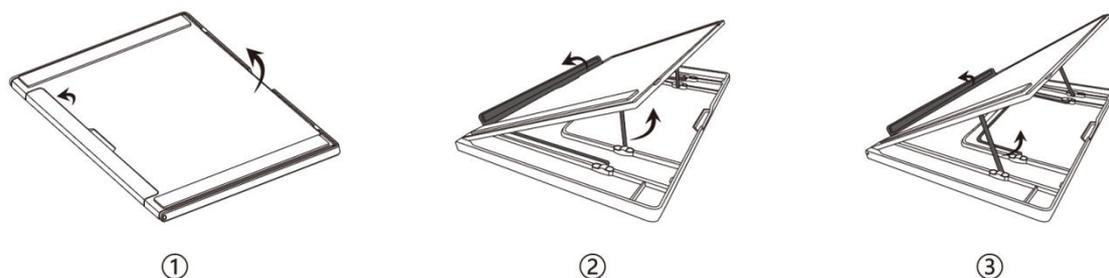


**Tip:**

- The interface of the connected device (computer/mobile phone/tablet) should support the USB 3.1 GEN1 data transfer protocol and DP 1.2 and later, and the power supply specification should be at least 5V/3A.
- If your computer or Android device (mobile phone/tablet) is low on power, an additional power supply is required to ensure that it has enough power before you proceed to step 2.

### 3. Stand Installation and Usage

To enhance the user experience, an ergonomically adjustable stand is optional. You can adjust the stand between 20° and 50° (6 adjustable angles) to get a more comfortable experience.



## 4. Functions Overview



No.	Item	Instruction
①	<b>Power Button + Indicator Light</b>	<ul style="list-style-type: none"> <li>• Short press: To turn on/off the pen display.</li> <li>• Press and hold for 3s when it' s on: To bring up the <a href="#">pen-enabled OSD menu</a>.</li> <li>• White light: Under normal working conditions.</li> <li>• Red light: In sleep mode/no video input signal.</li> <li>• No light: Not connected to the power supply/turned off.</li> </ul>
②④	<b>②: Function-switch</b>  <b>Button A + Dial</b>  <b>Controller A</b>  <b>④: Function-switch</b>	1. In Radial mode(the driver is not installed or started), you can only assign the same function to ② and ④.  Press and hold the function-switch button for 3s to bring up the Radial menu, rotate the dial controller to

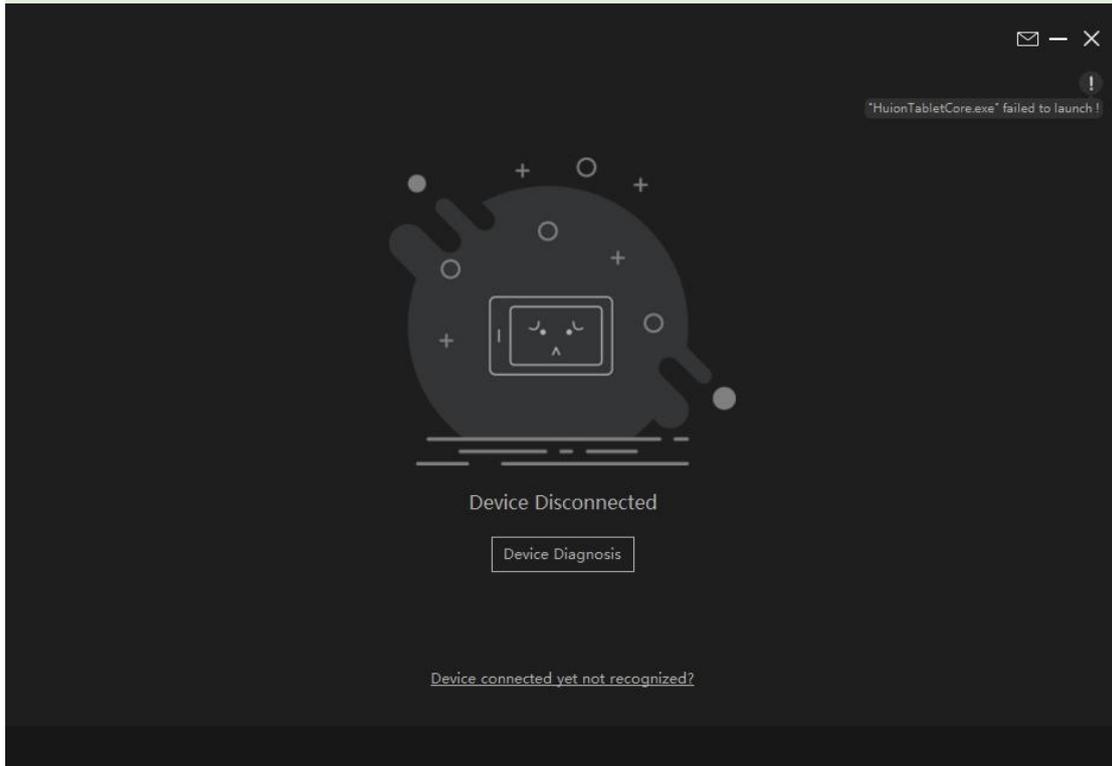
	<p><b>Button B + Dial Controller B</b></p>	<p>select among several functions, and then press the function-switch button to confirm.</p> <p>2. In Customize mode(the driver is installed and started), you can assign different functions to ② and ④ respectively. Press the function-switch button to bring up the function menu or to switch between several functions while the selected function is automatically confirmed.</p>
<p>③</p>	<p><b>Press Key</b></p>	<p>When the driver is not installed or started, the press keys will perform the default functions. Once the driver is installed and started, you can customize the press key functions in the driver according to your personal preferences.</p>
<p>⑤</p>	<p><b>USB-C Port</b></p>	<p>Please follow the instructions about how to <a href="#">connect via a 3-in-1 cable</a> provided on the page to properly connect the pen display to your computer via this port.</p>
<p>⑥</p>	<p><b>Full-functioned Type-C Port</b></p>	<p>Please follow the instructions about how to <a href="#">connect via a full-featured USB-C cable</a> provided on the page to properly connect the pen display to your computer via this port. This port supports graphic input.</p>

## 5. Driver Installation

### 5.1. Windows

**Note:**

① Before installing the driver, please close all graphic software and antivirus programs. The note ( "HuionTabletCore.exe" failed to launch!) below appears only on devices with Windows OS, indicating that the driver is blocked by antivirus programs or drawing applications.



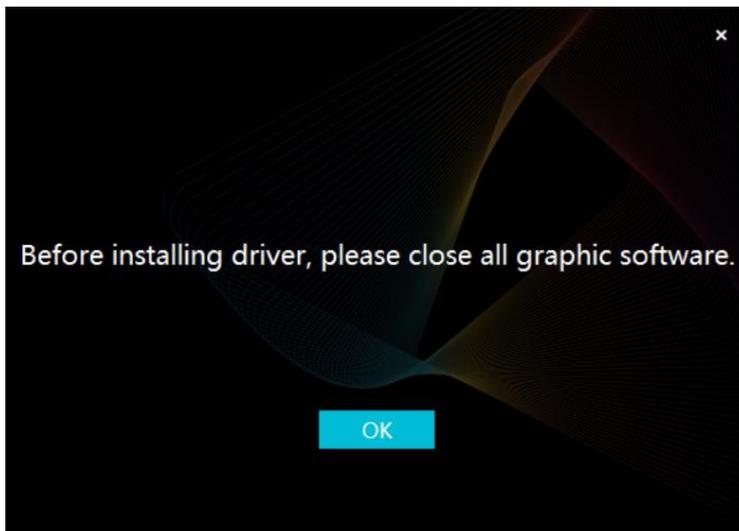
② Please make sure your computer operating system is Windows 10 or later.

③ If the connection fails, please restart the driver or your computer.

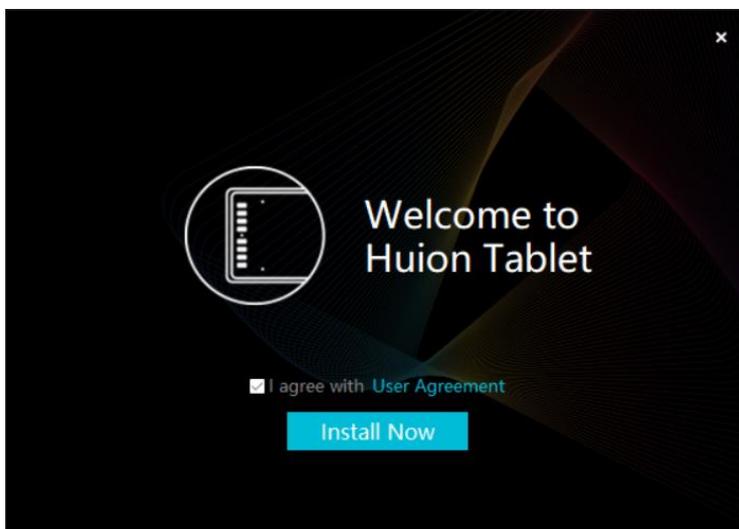
④ If you uninstall the driver, the pen display may experience no pressure sensitivity or other unknown issues in certain applications. In this case please reinstall the driver and your pen display will return to its default settings.

### Driver Installation Instruction:

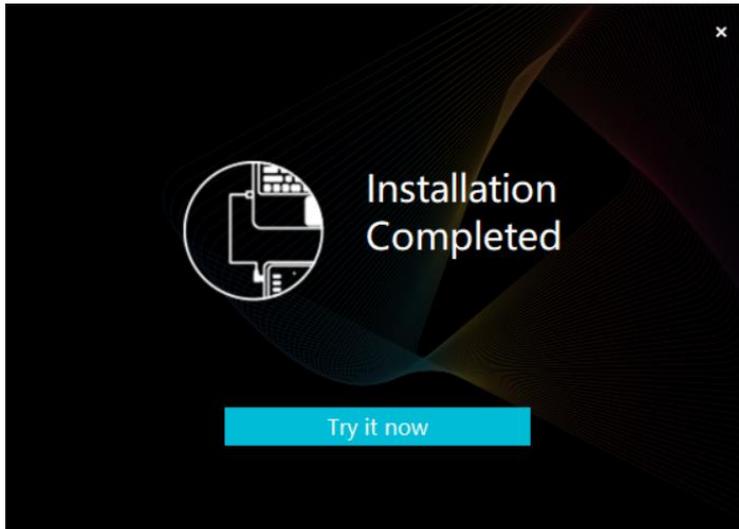
1. Connect the pen display to your computer.
2. Click [Driver-Kamvas 16](#) to get the latest driver for your device.
3. Double-click the driver and click "OK" to proceed.



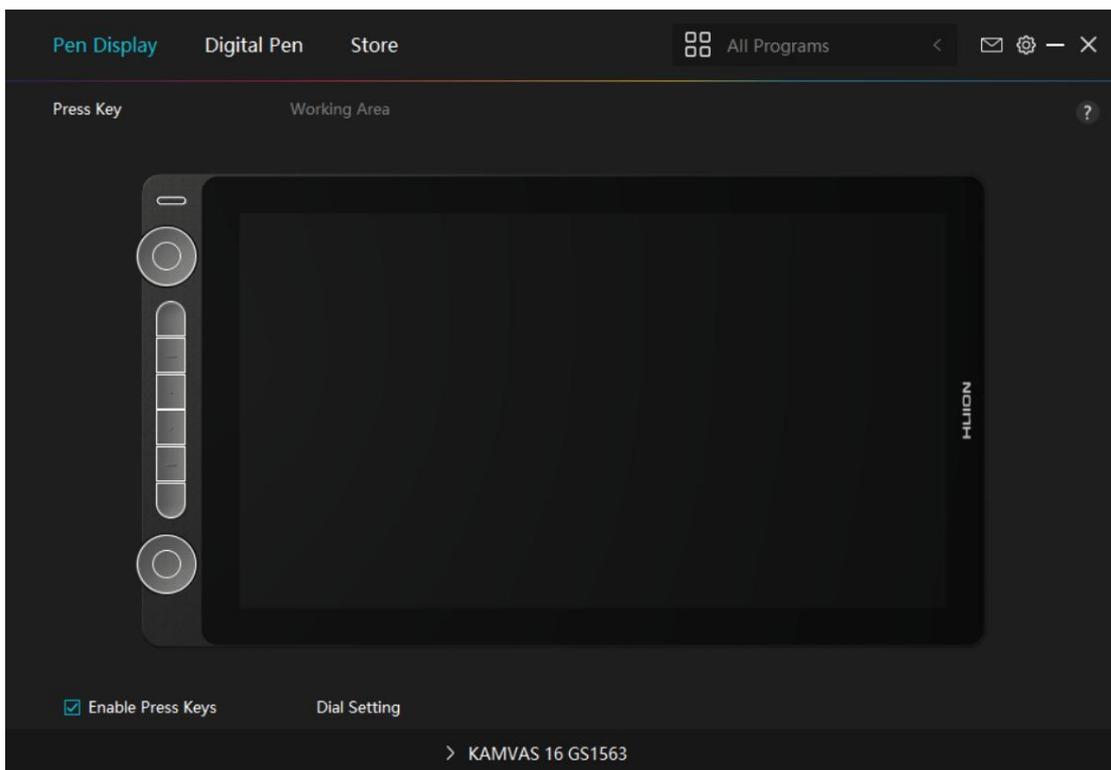
4. Check the box to agree with the User Agreement and click "Install Now" .



5. After the installation has been completed, click on "Try it now" .



6. A picture of Kamvas 16 GS1563 will appear on the driver interface to indicate a successful connection. Now you can use your pen display.



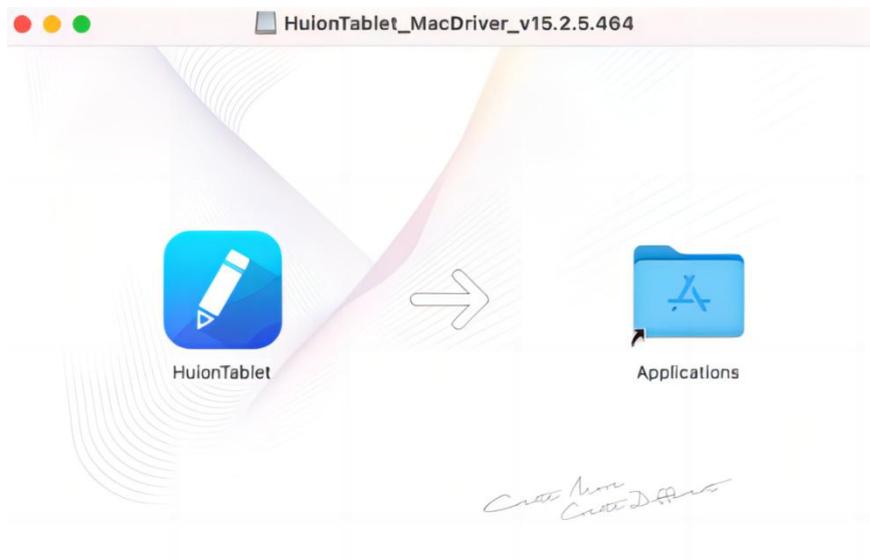
## 5.2. mac

### Note:

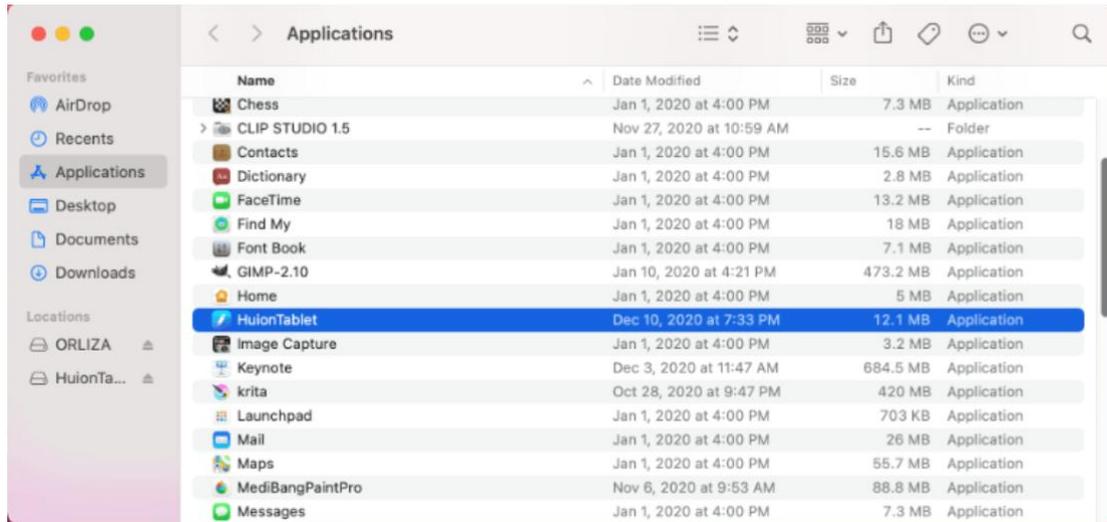
- ① Please make sure your computer operating system is macOS 10.12 or later.
- ② If the connection fails, please restart the driver or your computer. For more information, please refer to Troubleshooting. See section.
- ③ If you uninstall the driver, the pen display may experience no pressure sensitivity or other unknown issues in certain applications. In this case please reinstall the driver and your pen display will return to its default settings.

### Driver Installation Instruction:

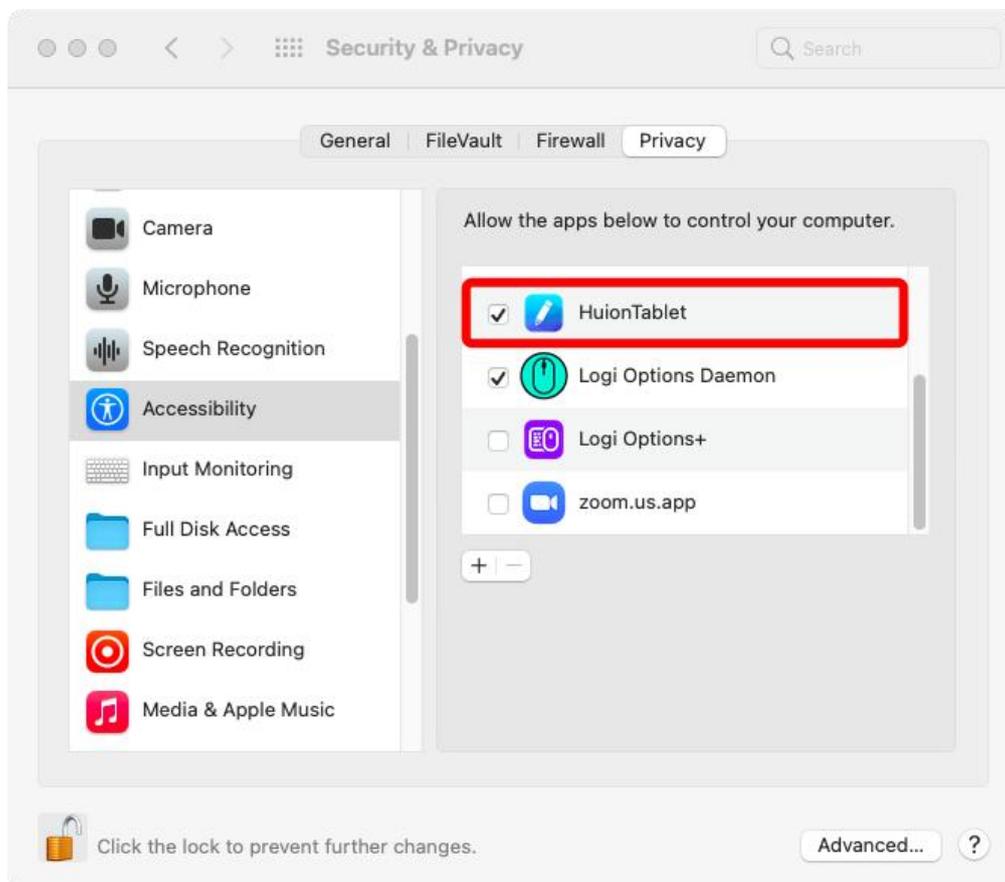
1. Connect the pen display to your computer.
2. Click [Driver-Kamvas 16](#) to get the latest driver for your device.
3. Unzip the driver file and drag the “HuionTablet” icon into the “Applications” folder.



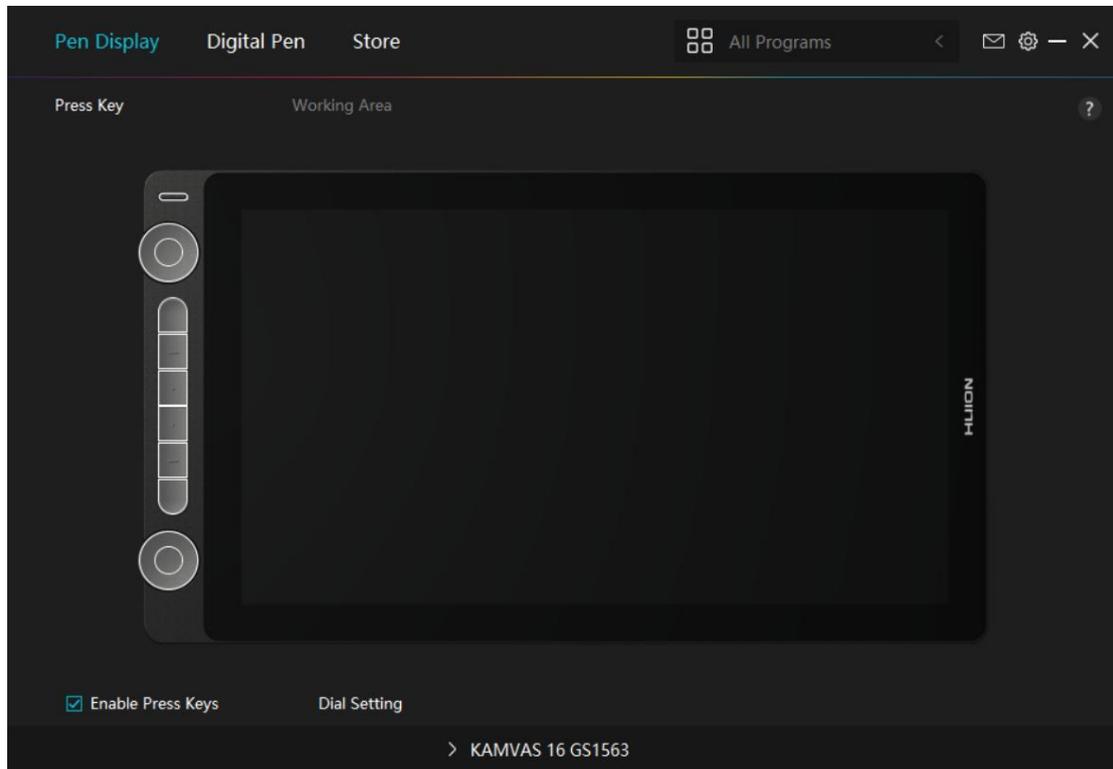
4. Open the folder and then find and double-click the HuionTablet driver application.



- Connect the pen display to your Mac, and click "Open System Preferences" when prompted. Go to Security & Privacy > Privacy > Accessibility settings and click the lock icon to unlock the settings. Tick the checkbox on the left of the HuionTablet driver application to enable accessibility. Then click the lock icon to lock the settings.



6. A picture of Kamvas 16 GS1563 will appear on the driver interface to indicate that the pen display is successfully connected to your computer. Now you can use your pen display.



## 5.3. Linux (Ubuntu)

### Note:

- ① Please remember to close the command window and reboot your Linux device after installing the driver, or the driver will not be useful. After rebooting the device, you can access the system main menu to find the Huion Tablet driver and then open it to finish some settings.
- ② If you are running Linux operating system on VMware, you must use the VMware Workstation Pro version. And the Play version of VMware Workstation doesn't support the Huion Tablet driver.
- ③ Some versions of the Ubuntu operating system don't support using more than one monitor simultaneously. And we recommend you upgrade your system to 20.04LTS or later if you want to use a Huion painting device on multiple display screens simultaneously smoothly.

**Huion Tablet Driver installation packages in 2 different formats are available for Linux devices:**

- [tar.xz \(file format\)](#)
- [deb \(file format\)](#)

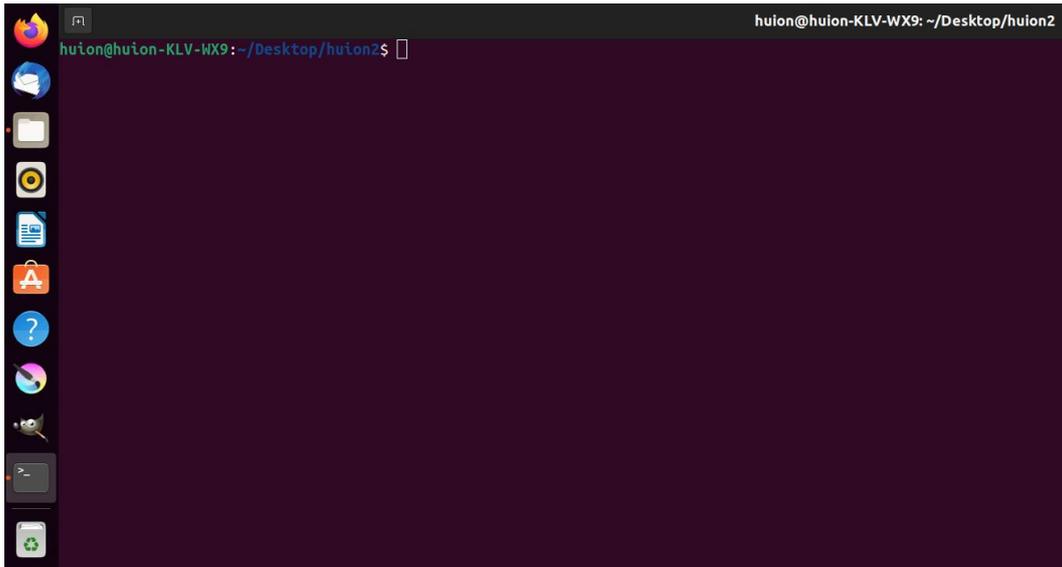
Here are the step-by-step instructions for installing the driver packages in different file formats respectively:

### 5.3.1. Instructions for installing the driver package file in tar.xz format.

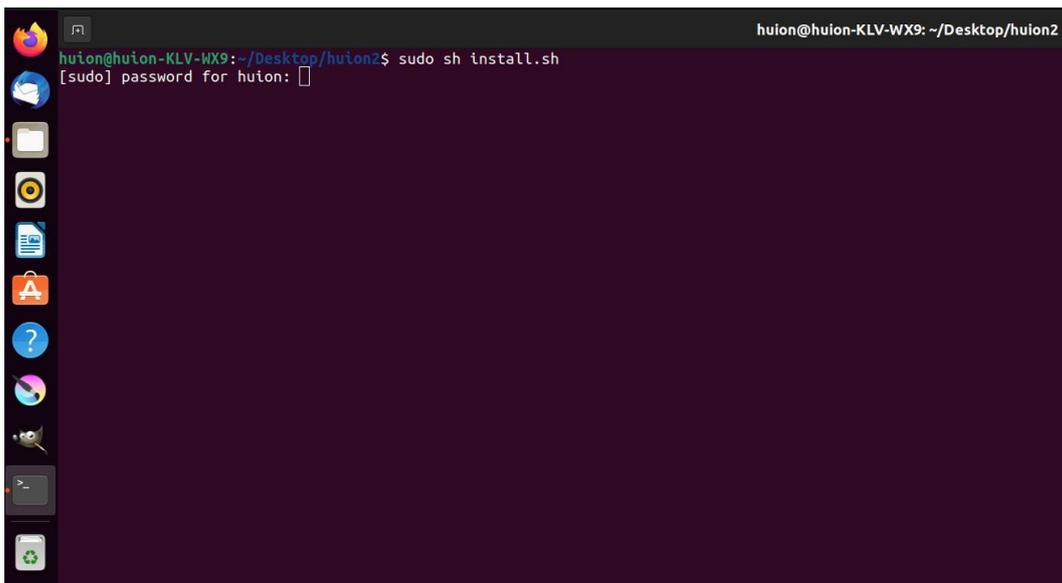
Linux operating systems supported: Ubuntu

#### 5.3.1.1. Steps to Install:

1. Extract the contents of the driver file, huiontablet\_XXXX.tar.xz, into a folder.
2. Open the command window in the folder.



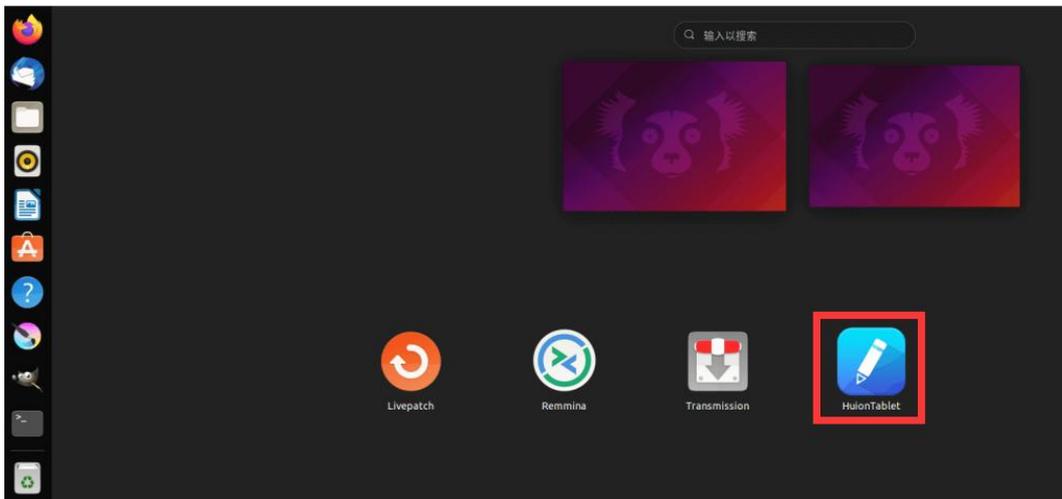
3. Input the following command: "sudo sh install.sh", and press the enter key on the keyboard to make your Linux device execute it.



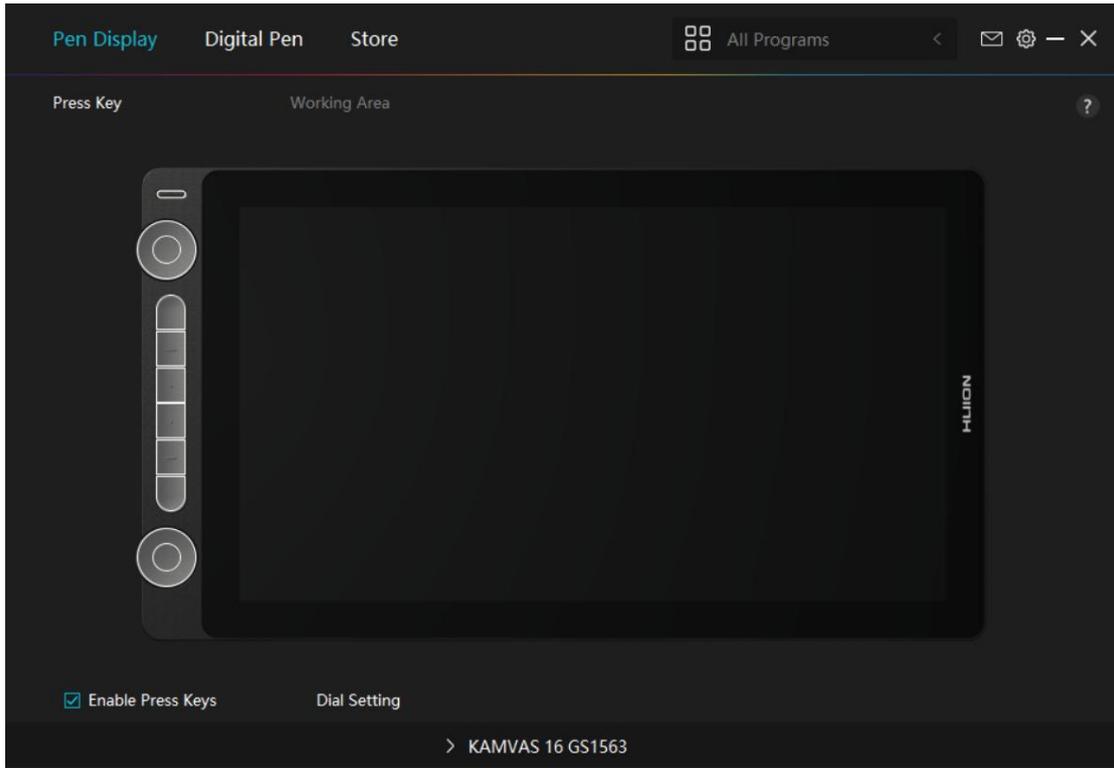
4. Enter the user password to complete the installation.

```
huion@huion-KLV-WX9: ~/Desktop/huion2
huion@huion-KLV-WX9:~/Desktop/huion2$ sudo sh install.sh
[sudo] password for huion:
/home/huion/Desktop/huion2/.
/usr/lib
./huion/huiontablet
Installation Succeeded !
Please reboot your Linux device to run the driver, or the driver will not be useful.
huion@huion-KLV-WX9:~/Desktop/huion2$
```

5. Please reboot your Linux device to run the driver, or the driver will not be useful.

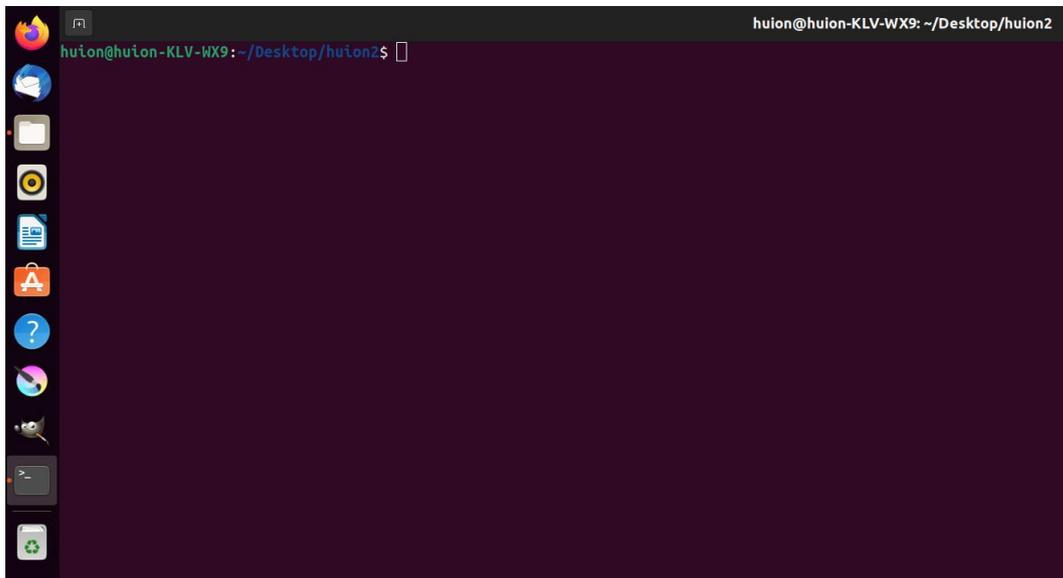


6. A picture of Kamvas 16 GS1563 will appear on the driver interface to indicate that the pen display is successfully connected to your computer. Now you can use your pen display.

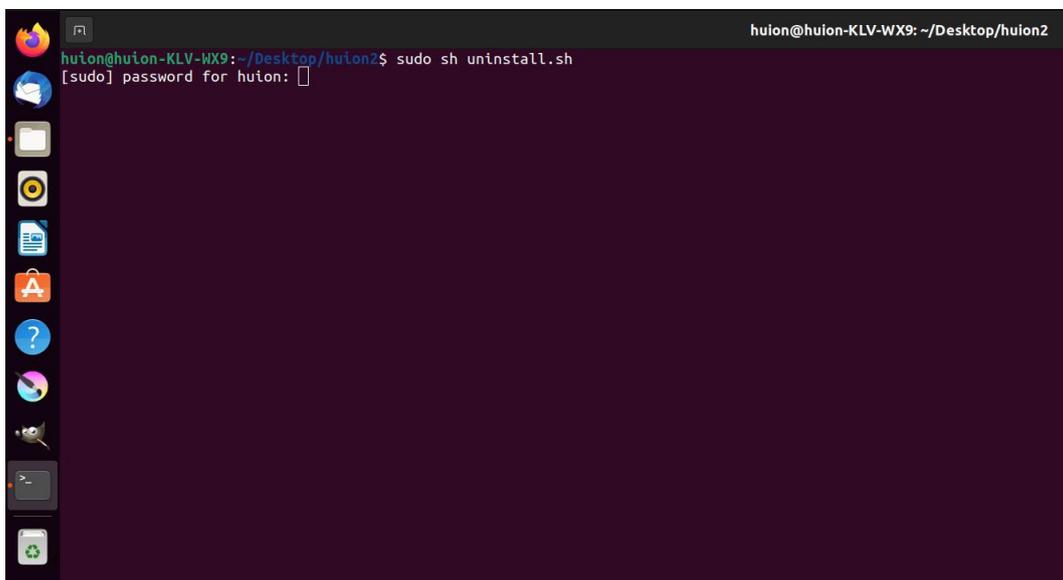


### 5.3.1.2. Steps to Uninstall:

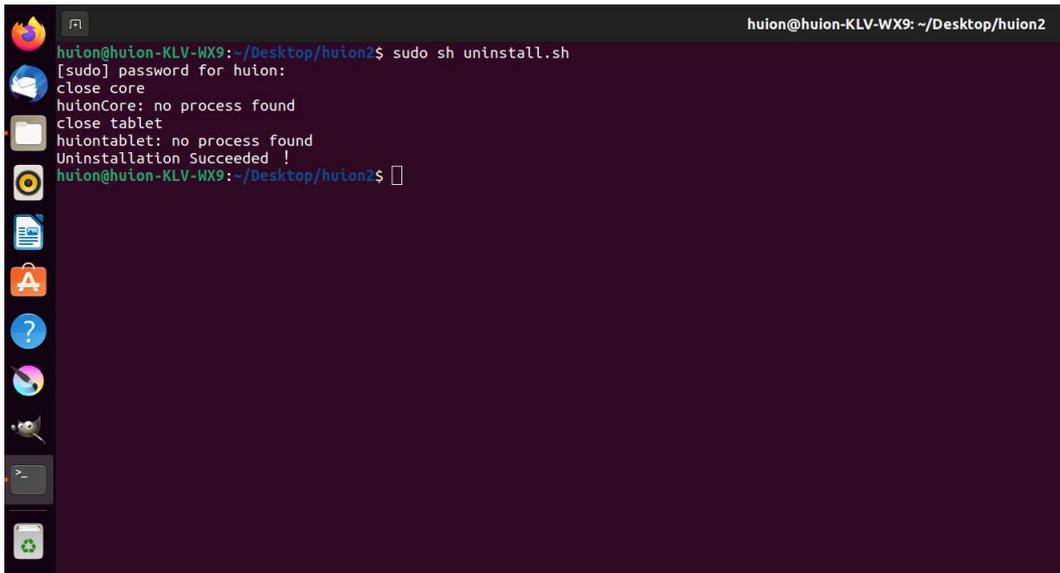
1. Open the command window in the folder of the driver.



2. Input the following command in the command window: "sudo sh uninstall.sh" , and press the enter key on the keyboard to make your Linux device execute it.



3. Enter the user password to complete the uninstallation.



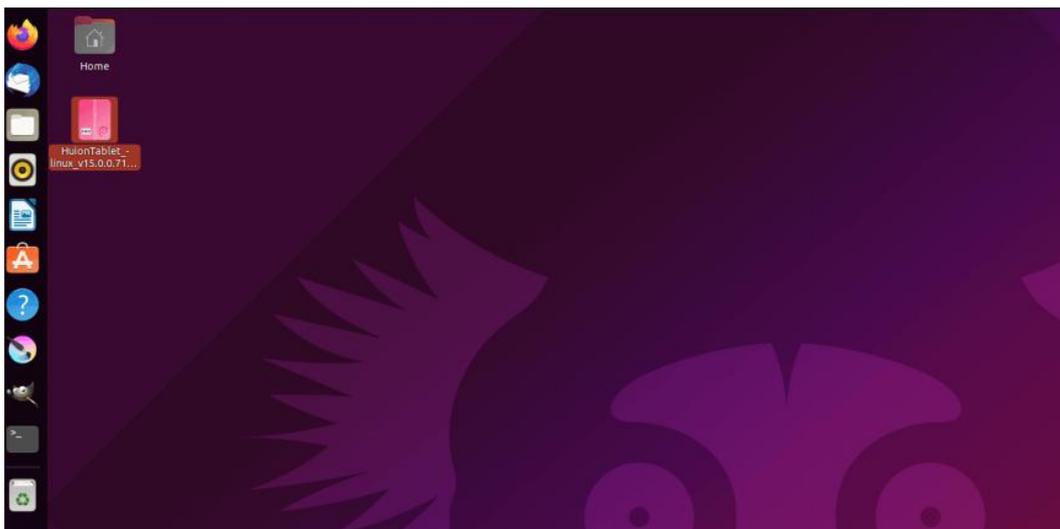
```
huion@huion-KLV-WX9: ~/Desktop/huion2
huion@huion-KLV-WX9:~/Desktop/huion2$ sudo sh uninstall.sh
[sudo] password for huion:
close core
huionCore: no process found
close tablet
huiontablet: no process found
Uninstallation Succeeded !
huion@huion-KLV-WX9:~/Desktop/huion2$
```

### 5.3.2. Instructions for installing the driver package file in deb format.

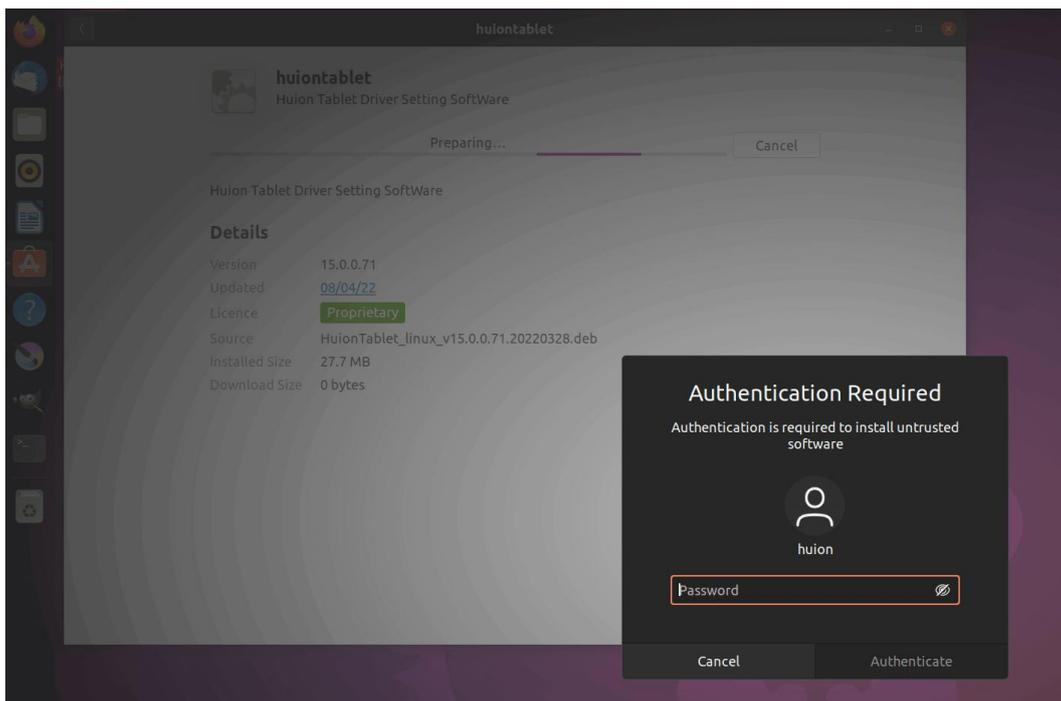
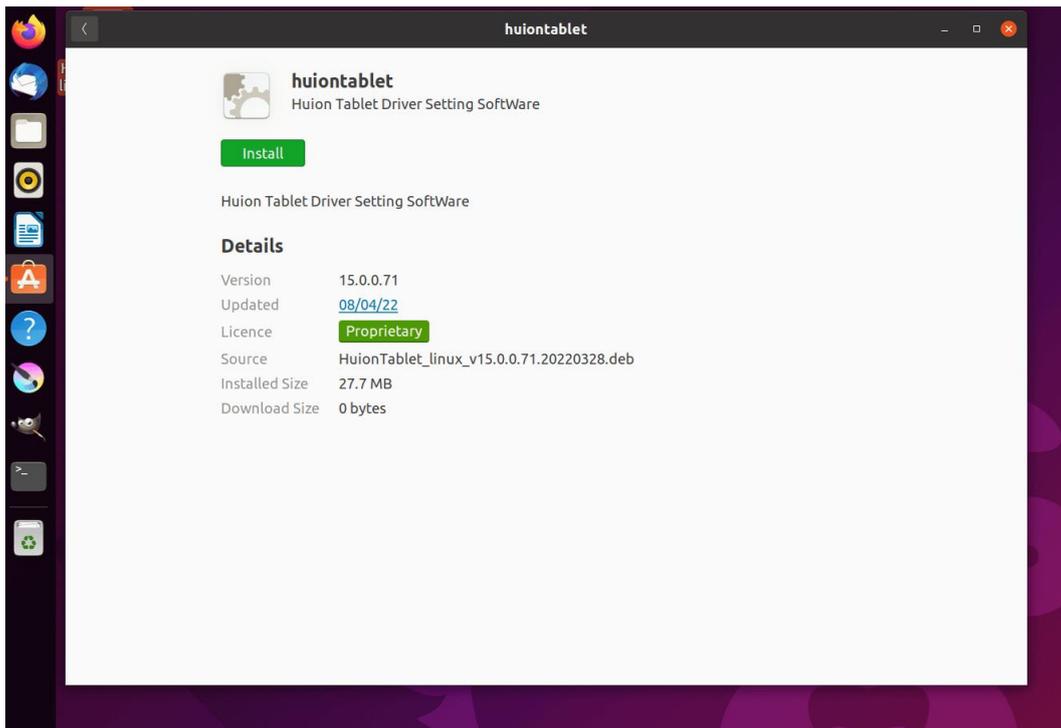
Linux operating systems supported:Ubuntu

#### 5.3.2.1. Steps to Install:

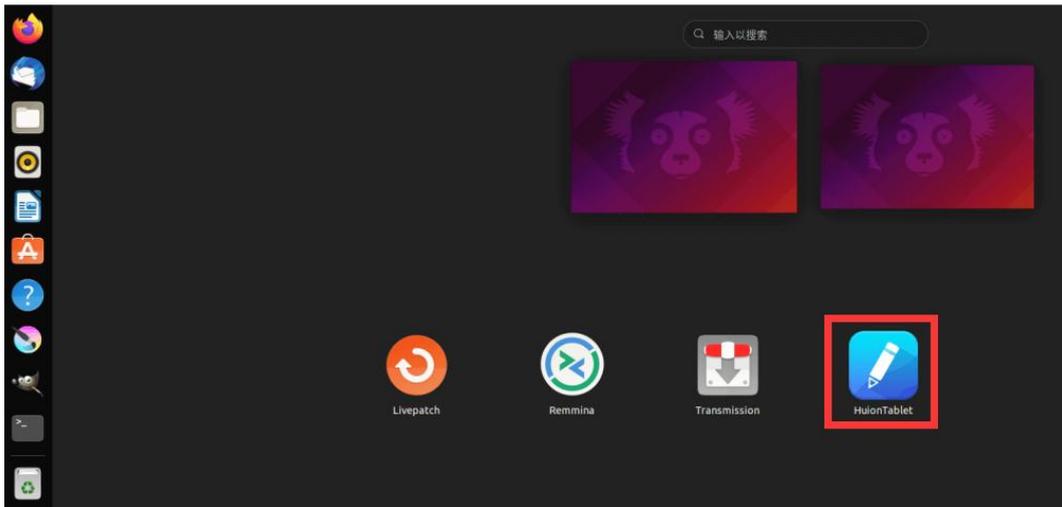
- 1.Open the folder and double-click the driver file in deb format to enter the system default interface of installing the driver on the application store, then click to install.



- 2.Enter the user password to complete the installation.

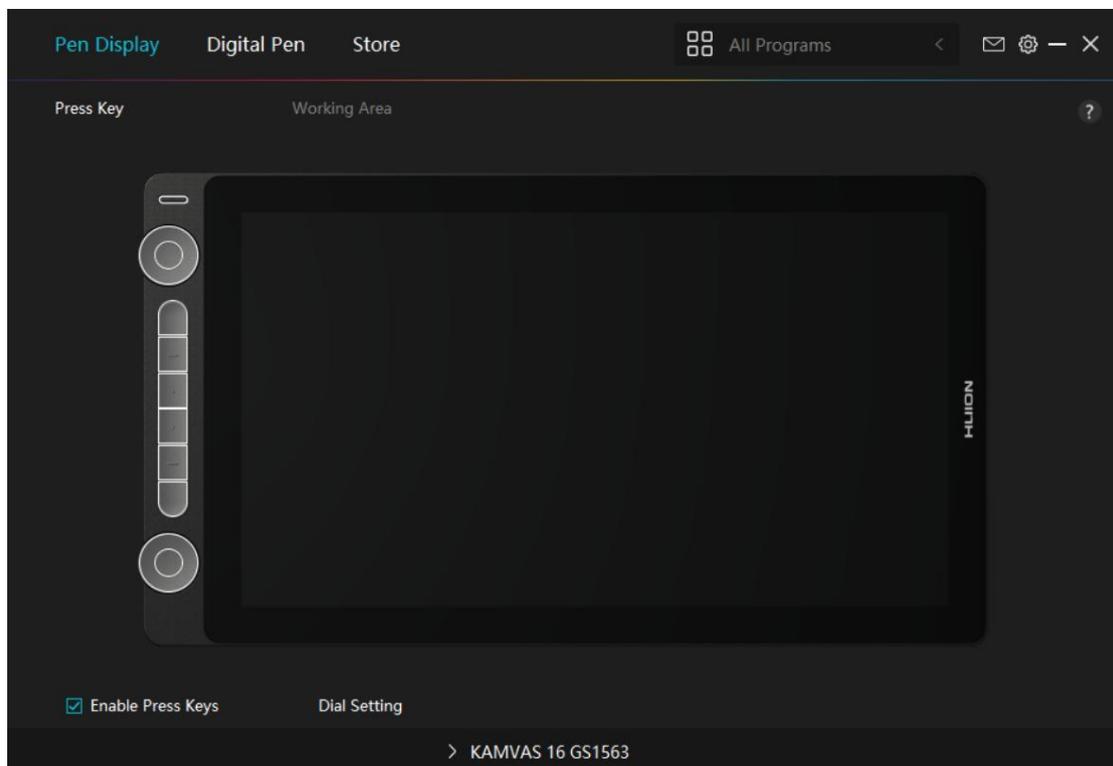


3. Please reboot your Linux device to run the driver, or the driver will not be useful.



**Tips:** Please ensure that your Linux device has been connected to the internet when installing the driver, or the installation will fail when entering the application store interface.

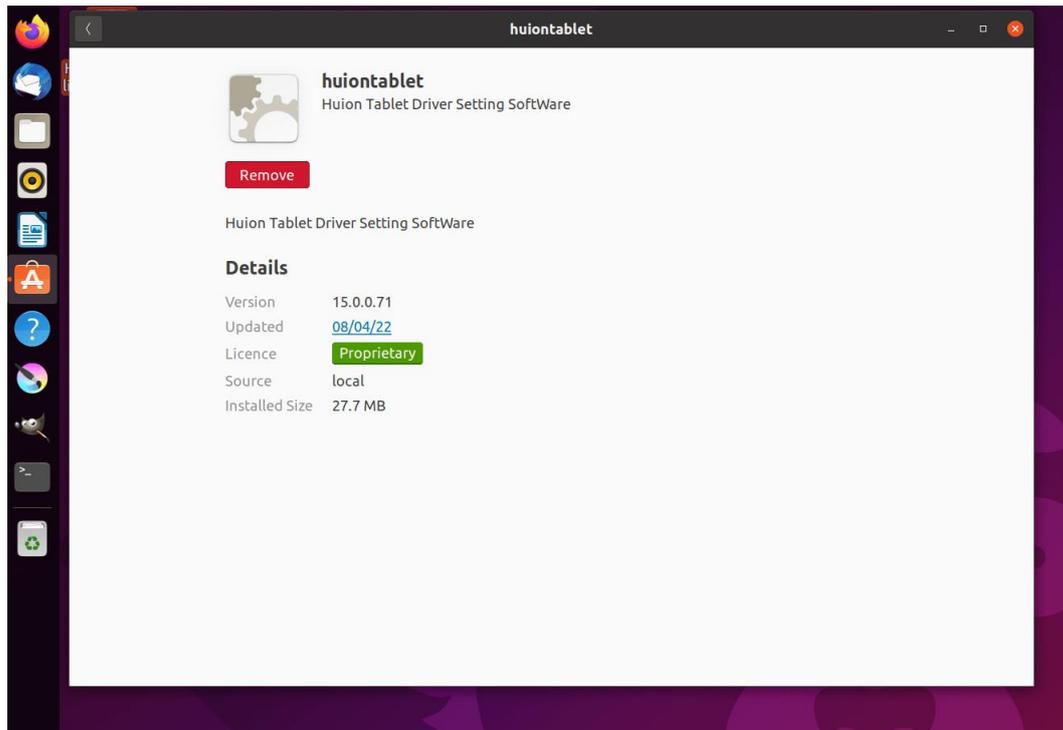
4. A picture of Kamvas 16 GS1563 will appear on the driver interface to indicate that the pen display is successfully connected to your computer. Now you can use your pen display.



### 5.3.2.2. Steps to Uninstall:

1. Enter the interface of the installed applications on the system's built-in application store.

2. Find the driver and click to uninstall it.



**Tips:** If you can't access the system's built-in application store, you can search out the driver file, huiontablet\_xxx.deb, then double-click it to enter the installation interface, and click the remove button to uninstall it.

## 6. How to Use the Digital Pen

The digital pen enables a seamless user-device interaction, allowing users to draw, write, move objects, and use customizable pen button functions.

### **Hold the Pen:**

Hold the digital pen as you hold a real pen. Adjust your grip so that you can toggle the pen press keys easily with your thumb or index finger. Be careful not to accidentally press the key while drawing with the pen.

**Note:** Please do not put the digital pen on the pen display when not in use. Otherwise, it may cause interference that may prevent the mouse from operating properly or the computer from entering sleep mode.

### **Cursor Movement:**

Move the pen slightly above the working area of the pen display without touching the surface of the pen display, and the cursor on the screen will move to the new position accordingly.

### **Click:**

Tap on the working area of the pen display with the pen tip to register a click to select or highlight contents on the screen; long press and drag the pen tip to move the selected item; double-click to open the selected item.

### **Move:**

Select an icon or file with the pen tip, then slide the pen tip across the screen to move it to the target location.

### **Use the Pen Buttons:**

The digital pen supports customizable pen button functions and users can program

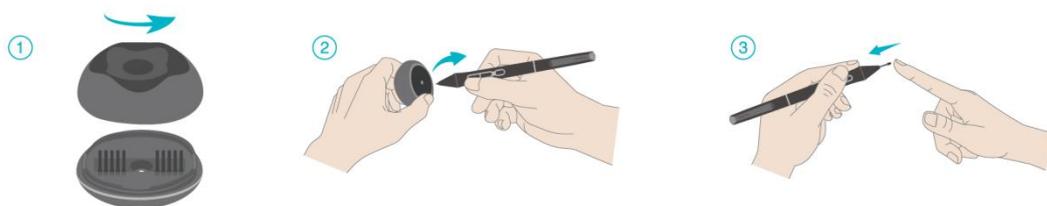
the functions in the driver. The pen buttons will work as long as the vertical distance between the pen tip and the pen display screen is within the sensing height (10mm). If you want to disable pen button functions, you can set pen buttons to no function in the driver.

### **Replace the Pen Nib:**

When the nib of the digital pen is badly worn, please replace it with a new pen nib in time.

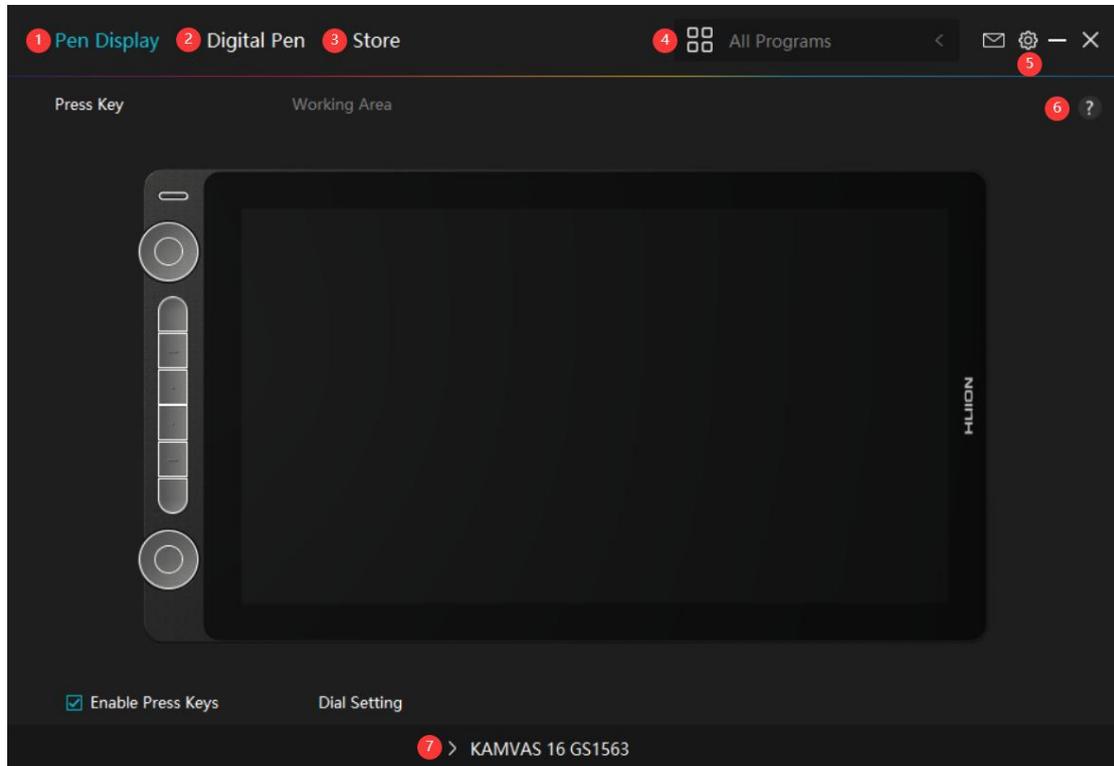
### **Follow the steps below to replace the pen nib:**

1. Open the pen holder and take out a replacement nib.
2. Tilt the pen and pull out the worn nib through the built-in nib clip on the back of the pen holder.
3. Insert a replacement nib straight into the barrel of the pen until the nib stops moving forward.



## 7. Driver Setting and Functions

### 7.1. Driver Interface Overview



#### ① Pen Display

On the “Pen Display” interface, Users can set functions of the display, including Press Key and Working Area Set. [See Section](#)

#### ② Digital Pen

Users can set functions of the pen on this “Digital Pen” interface, including Press Key, Mode selection, Pressure Sensitivity Adjustment, and Pressure Test. [See Section](#)

#### ③ Store

Huion Store is where you can get the latest information about the product such as its FAQ or sales promotion. In addition, you can also purchase Huion’s other products or accessories here.

#### ④ Add Programs

- 1) Some programs which have already been opened will appear for you to choose from after clicking Add a Program on the screen. For more programs, you need to open them and then enter this interface to add, or click Browser, select the program on your computer, and click Open to get it added.
- 2) For different programs, you can make different settings for the working area and the digital pen. Then when you launch another program, the Driver will automatically recognize it and the setting features will change to its corresponding ones.
- 3) When you select All programs, settings for the working area and the functions of the digital pen are valid for every program that is not customized.

#### ⑤ Setting

Users can set the functions of a driver on this interface, including check out Device information, Backup setting, General setting, and its version. [See Section](#)

#### ⑥ Common Problems

Click " ? " and jump to Forum in our website <https://support.huion.com/en/support/home> to get a user manual or feed back the problems to us.

#### ⑦ Switch between Devices

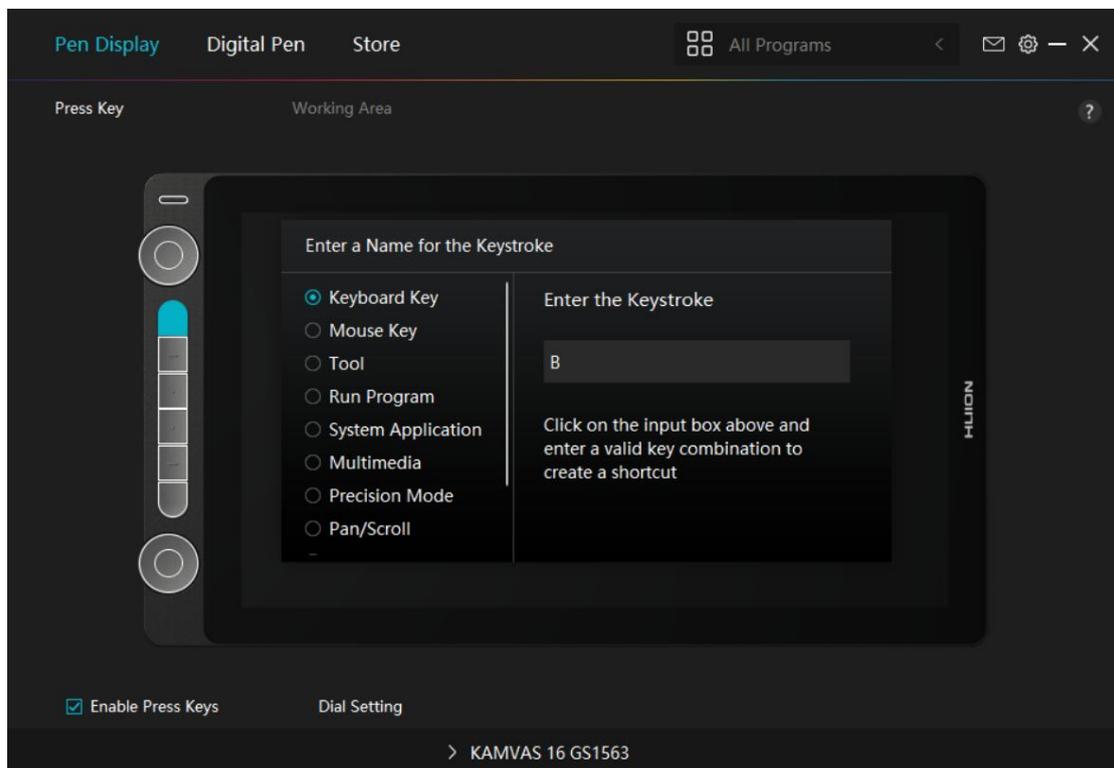
The Driver is able to support two devices at most. Functions of them can be customized by users respectively. When switch to one of them, functions change to its corresponding ones.

## 7.2. Pen Display Setting

### 7.2.1. Press Key

You can customize the functions of these press keys according to your own habits, and you can uncheck "Enable press keys" in the lower left corner to turn off these functions. Place the cursor over one of the buttons on the screen of your computer to check its default value. Click a button and then a pop-up dialog box appears.

Choose what you want and set its function.



Refer to this table of settings below to help you decide if you want to change the existing settings.

**Note:** The performance of functions in the table below is up to the device that you have connected. And this table is subject to change without notice.

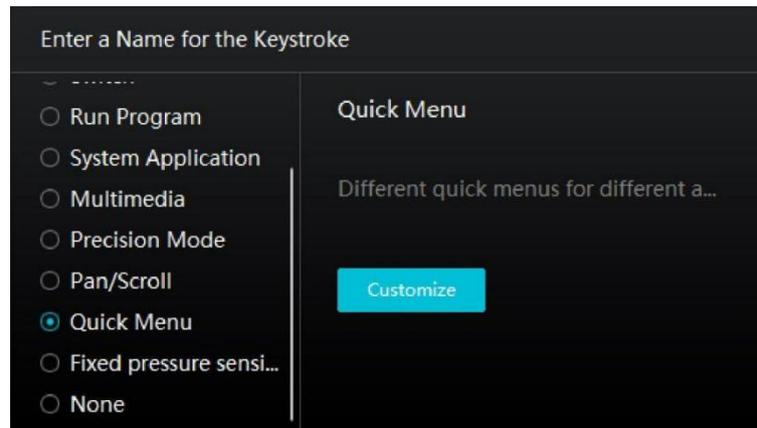
The settings of the press keys' functions can be found in the following list.

The functions of the press keys can be set as:

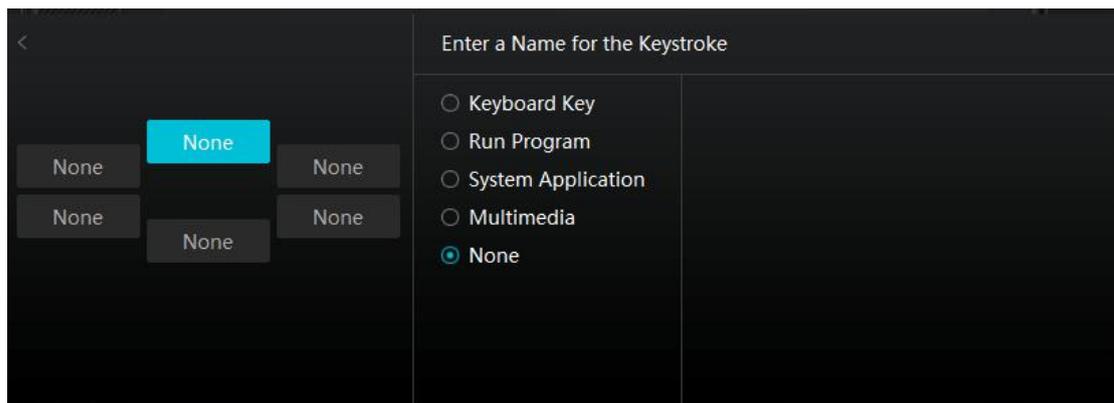
Keyboard Key	Click on the input box and enter a valid key combination to create a shortcut (support up to 18 characters).
Mouse Key	Select the functions of a Mouse or Wheel. Please see the picture below for detailed information of these functions. Mouse: Left Button, Right Button, Middle Button, and Double-left Click. Wheel: Wheel Forward and Wheel Backward. Other functions: Ctrl, Alt, Shift, and Win .
Tool	Select Switch Screen, Eraser, Recover, Revoke, or Clear.
Run Program	Click Browse and select the program that you want to run quickly. After that, press the key to launch the item.
System Application	For the Windows OS, the key functions can be set as: Lock the Screen, Sleep, Power Off, Show/Hide Desktop Icon, Task View, Start Menu, and Calculator. For the macOS, the key functions can be set as: Sleep, Lock the Screen, Show/Hide Desktop, Mission Control, Launch Pad, and Finder Search. For the Linux OS, the key functions can be set as: Lock the Screen, Sleep, and Power Off.
Multimedia	You can apply these functions to press keys: Previous Song, Next Song, Play/Pause, Volume up, Volume down, and Muted.
Precision Mode	You can toggle between the normal precision and precision that you choose, from Fine(level 1) to Ultra Fine(level 5). <ul style="list-style-type: none"> <li>• When you select Precision Mode, the Precision Mode window appears and you can move the slider to set the precision you want to toggle into.</li> <li>• For example, if you assign Precision Mode to a pen button, when you press the pen button, you switch to working in the precision that you selected using the slider. When you press the pen button again, you switch back to working in the normal precision.</li> <li>• Press “Esc” or press the pen button for the third time to exit Precision Mode.</li> </ul>
Pan/Scroll	This function allows you to pan and scroll in a document or item by moving the pen tip up and down or right and left. When you select Pan/Scroll, the Scroll Speed window appears. Move the slider to your preferred scrolling speed.
Quick Menu	Pick it up and you can use the key to pull up the Quick Menu. Detailed information for reference is down below this table.
Fixed Pressure Sensitivity	You can lock the pressure at the current level until you release the component. For example, if you assign this setting to a pen button, you can paint with pressure sensitivity enabled in your application until you reach the brush size you like. Then, press and hold the pen button to lock in that brush size as long as you are pressing and holding the button.
None	When None is selected, the key will not perform any function when pressed.

**Note:** The pictures are for reference only.

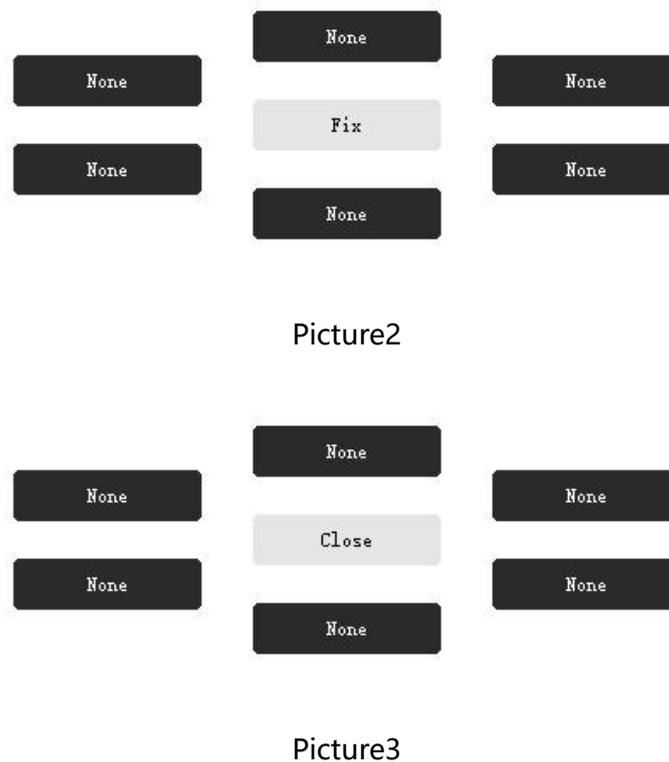
The specific settings of the Quick Menu are as follows:



Click Customize in the picture above to call out a quick menu (see picture 1). For each of the six buttons on the left, users can enter a name for it and set unique function for it. After that, users can call up the Quick Menu by pressing the key (see picture 2). The menu disappears after a click on any of the six buttons. By clicking "Fix" once the menu will be fixed on the desktop while after a second try the "Fix" button changes to "Close" and the menu disappears (see picture 3). Put the cursor on the menu to drag it.



Picture1



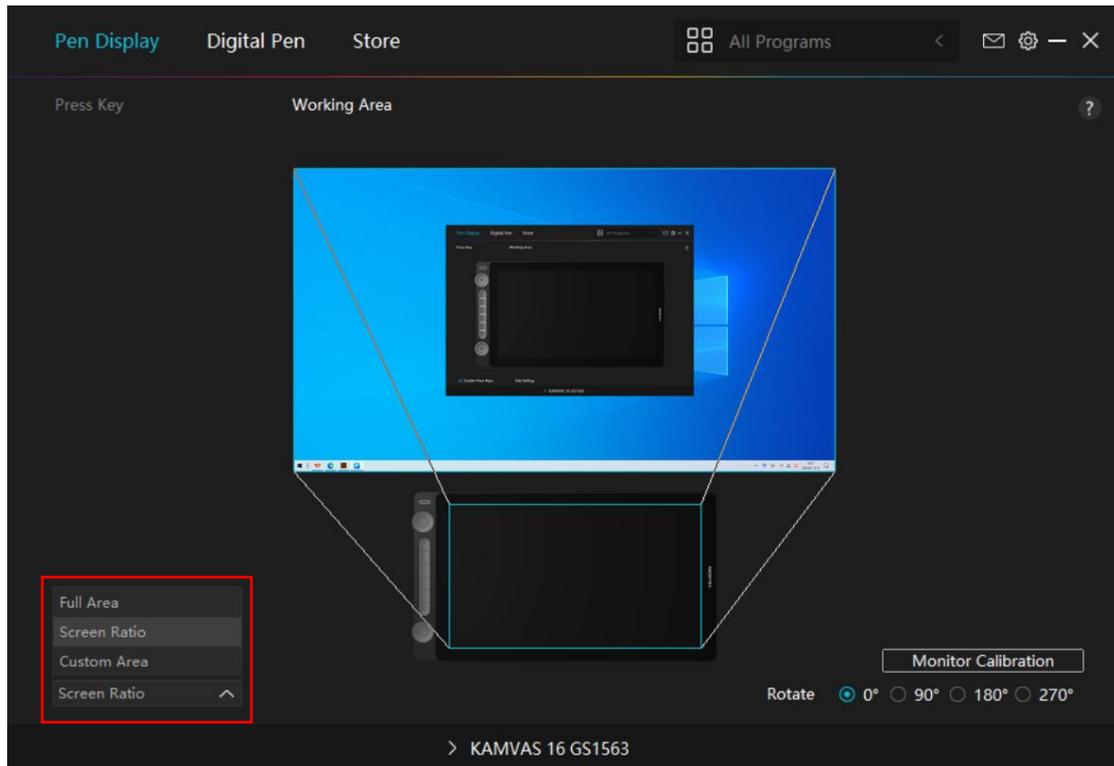
### 7.2.2. Working Area Setting

Select the Working Area tab to adjust the ratio of the distance of pen movement on the pen display to that of the corresponding cursor movement on the monitor. By default, the entire active area of the pen display maps to the whole monitor.

If more than one monitor is in use and they are in extended mode, users need to choose one that will be mapped to on the driver interface and the other one as the external display.

In mirror mode (All monitors display the same content), the pen display maps to the entire screen on each monitor and cursors displayed on them move simultaneously.

Define the pen display area that will be mapped to the monitor. Three modes on the driver can be chosen:



### [1] Full Area:

The entire active area of the pen display will be mapped to the monitor. It is the default setting.

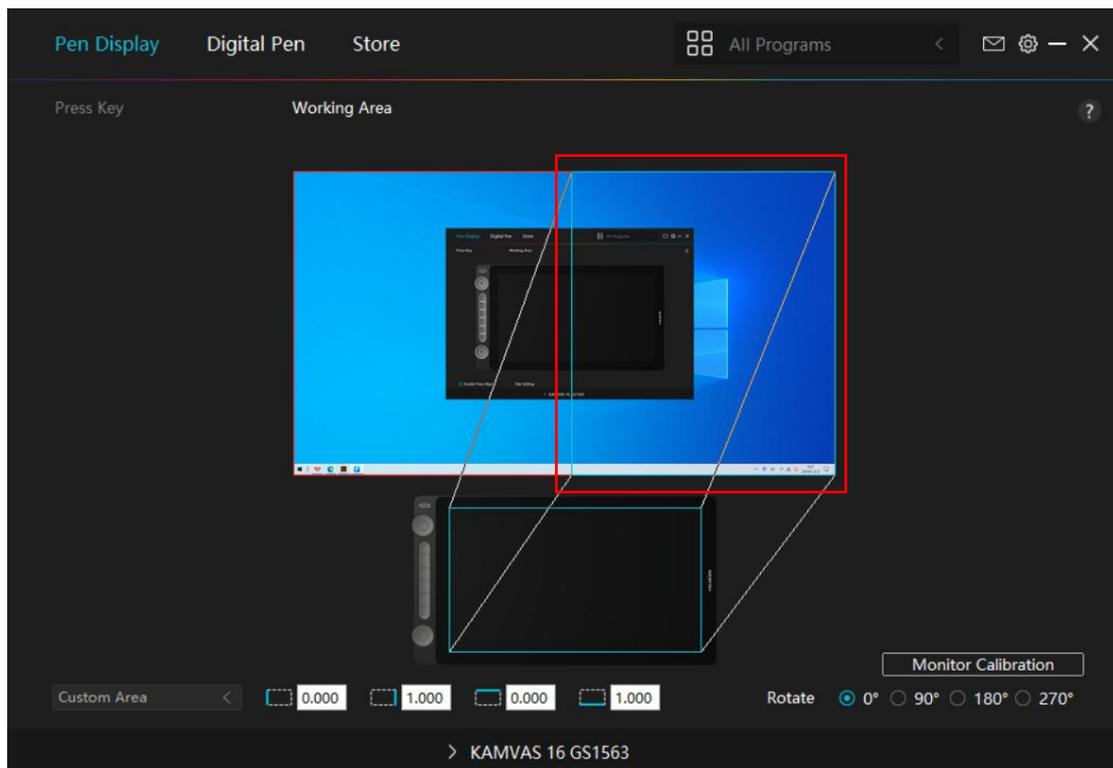
### [2] Screen Ratio:

The ratio of the active pen display area is the same as that of the monitor, which as a general rule, is 16:9. For example, if you choose the screen ratio and draw a circle on the pen display, then a circle appears on the monitor that has been connected to the pen display, in this case some parts of the pen display may not work. But if you don't choose the screen ratio and draw a circle, then the circle may change into an oval on the monitor.

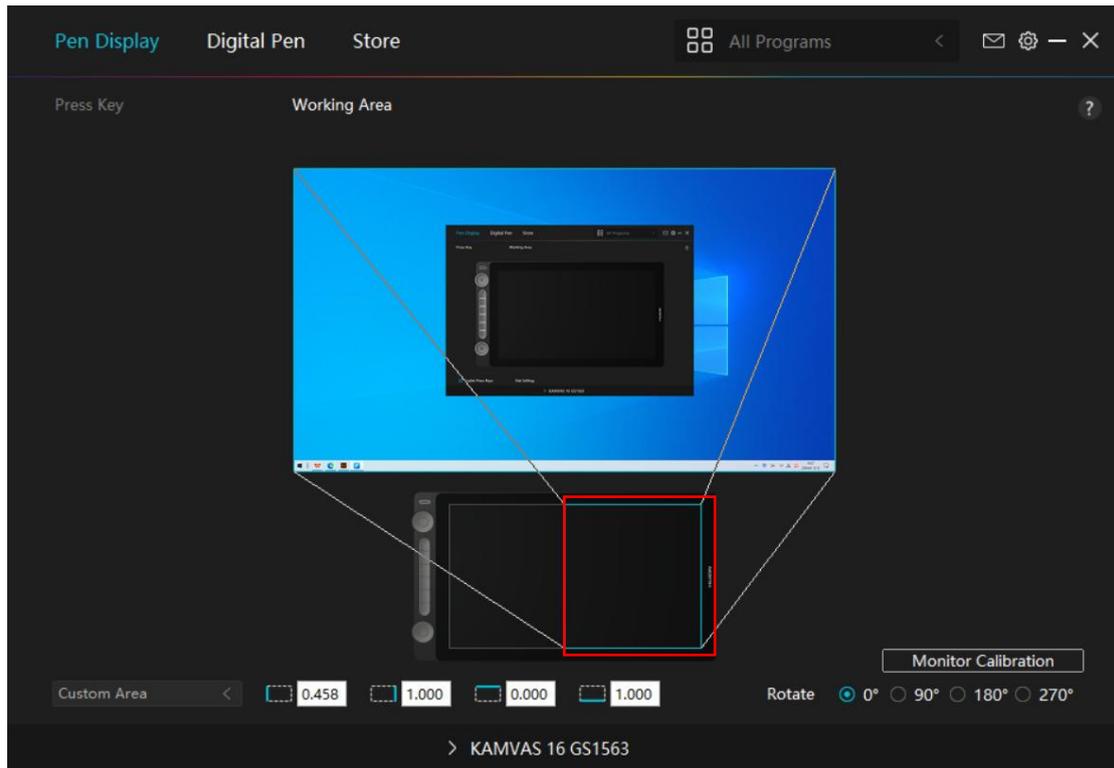
The ratio of the active pen display area depends on that of the display device, which as a general rule. In Screen Ratio mode, these two ratios keep the same.

### [3] Custom Area:

- 1) Enter coordinate values.
- 2) Users can adjust the working area of the pen display by changing the outlines of the smaller rectangle. Users can also drag the two blue rectangles to select the active areas of the digital pen on the screen and the pen tablet. (see picture 1 and 2).



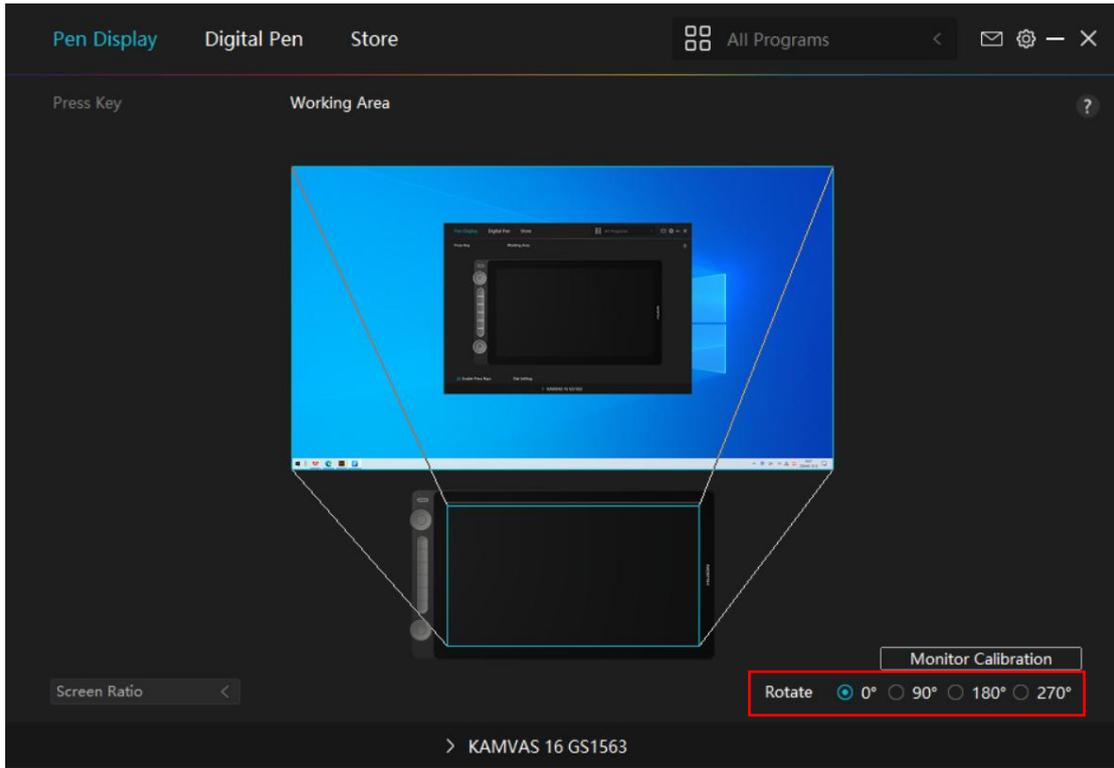
Picture 1



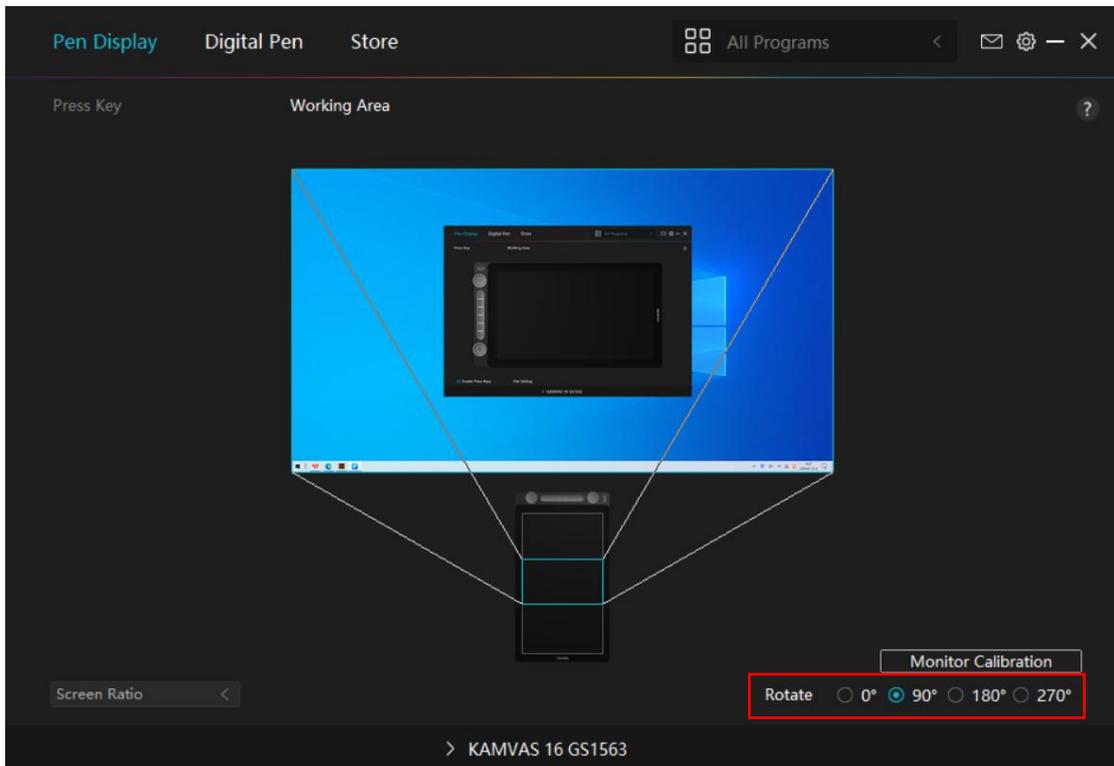
Picture 2

### 7.2.3. Rotate Working Area

Change the direction of the pen display to adapt to the left- and right-handed operation. You can rotate the pen display by 0°, 90°, 180° or 270°.



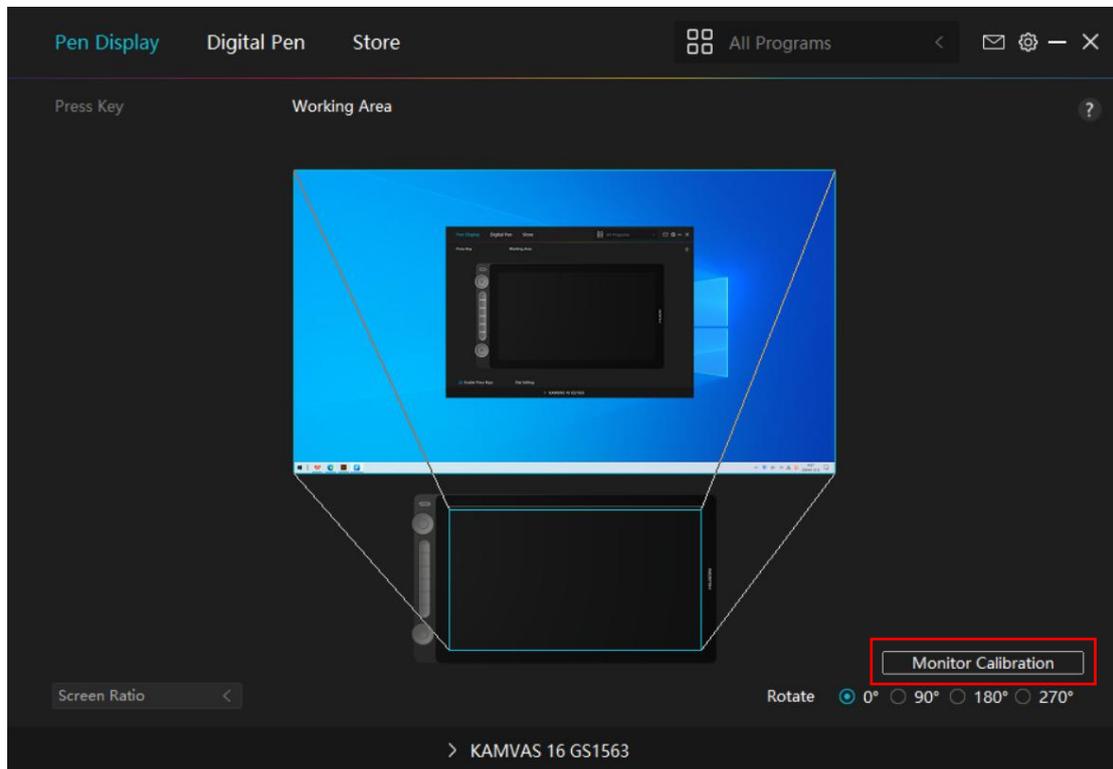
Picture1



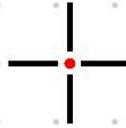
Picture2

## 7.2.4. Calibrate Your Pen Display

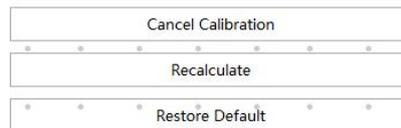
Click Monitor Calibration tab and follow the instructions to calibrate your pen display.



Please use the digital pen to click on the center red dot of the cross in a common pen-holding posture. You can cancel Calibration and restore default.



Note: Please Use the Digital Pen to Click on the Center Red Dot of the Cross in A Common Pen-Holding Posture



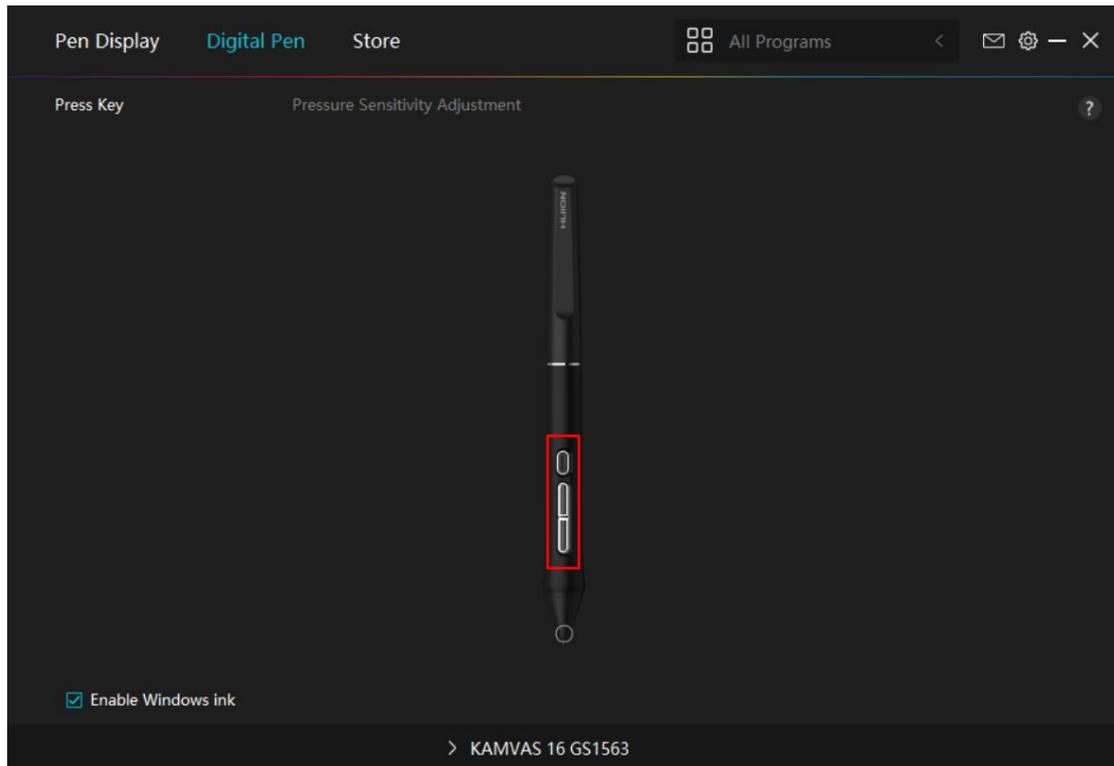
## 7.3. Digital Pen Setting

### 7.3.1. Press Key

You can use this digital pen to interact with your device, including drawing, writing, moving files, or activating the functions of pen press keys.

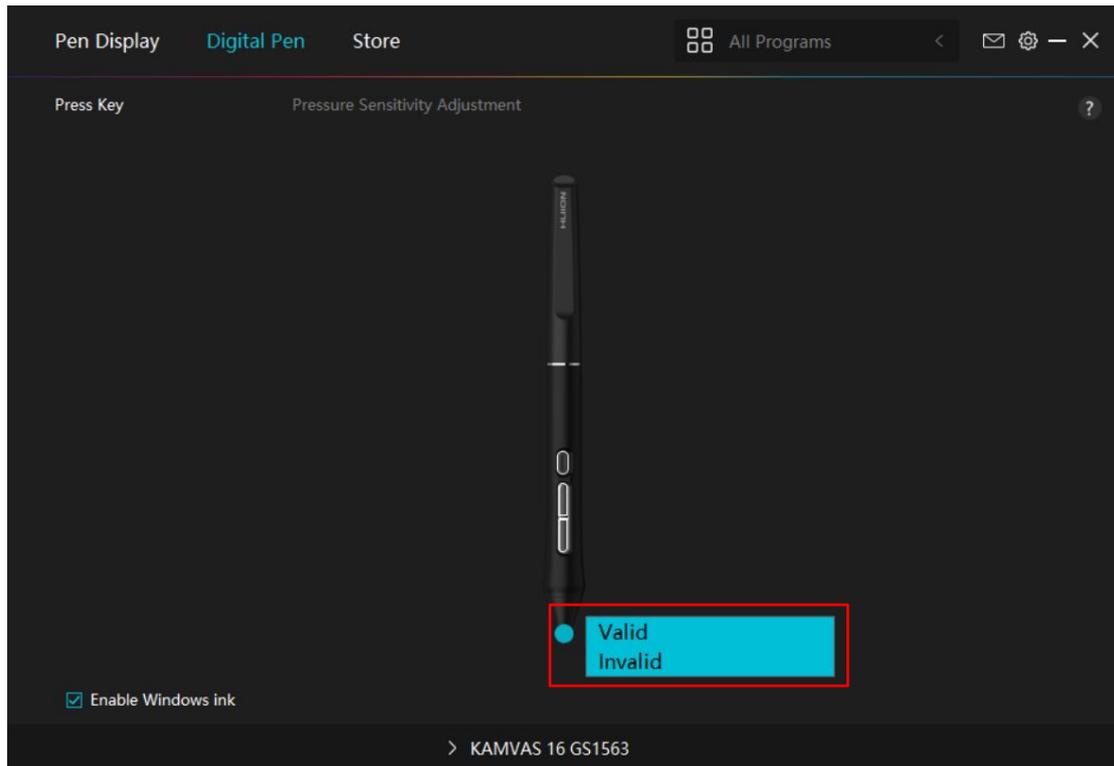
The setting of the pen press keys is the same as the Press Key setting of the display.

Please refer to it. [See Section](#)



### 7.3.2. Pen Nib Activity

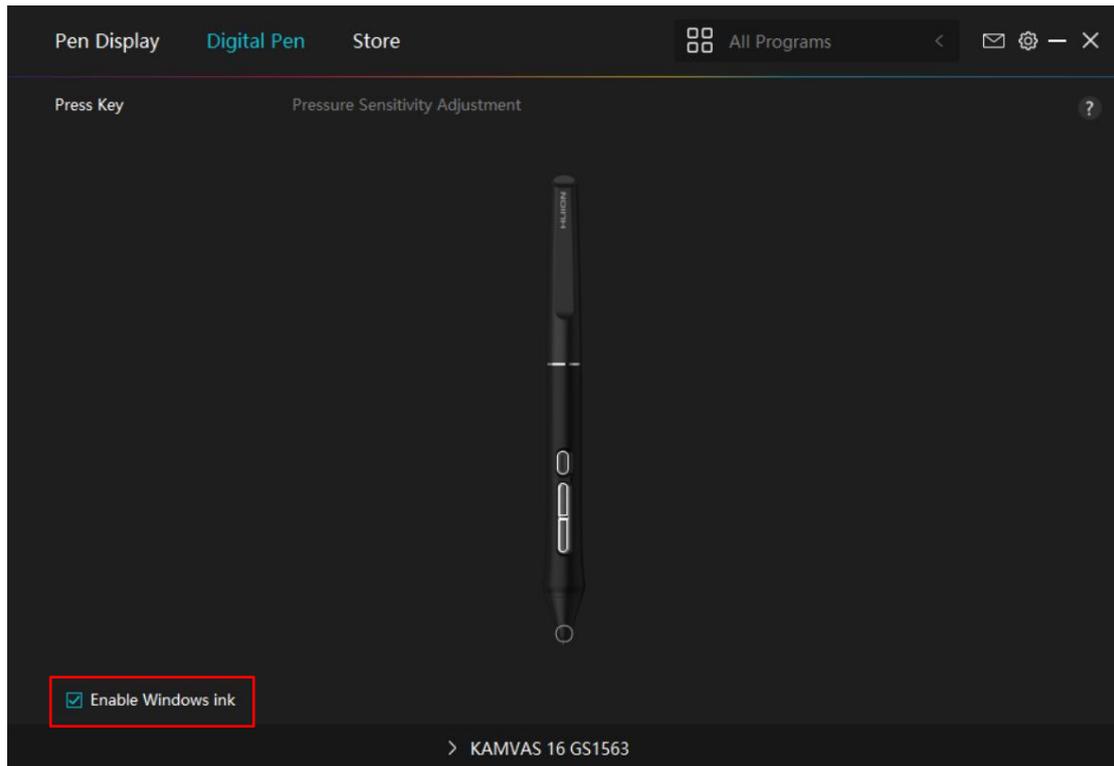
The pen nib of the digital pen can be set as Valid/Invalid in the driver according to users' needs. Click the drop-down button to set its activity. In Valid mode, the pen can complete specified actions such as clicking, double-clicking, and dragging when you tap the pen on the screen. In Invalid mode, the pen can control the movement of the cursor, but cannot complete specified actions.



### 7.3.3. Enable Windows ink

Microsoft Windows provides extensive support for pen input. When the “Enable Windows Ink” option is ticked, pen features are supported in software such as Microsoft Office, Windows Whiteboard, Adobe Photoshop CC, SketchBook 6, etc.

**Note:** macOS and Linux OS do not support this feature.



### 7.3.4. Pressure Sensitivity Adjustment

Users can adjust the pressure sensitivity level by dragging the slider in the Pressure Sensitivity Adjustment box according to your usage habits. Users can also check the five options from soft to hard on the right of the box to find the proper pressure sensitivity for themselves. Click the redo button at the top right to revert to the default pressure.

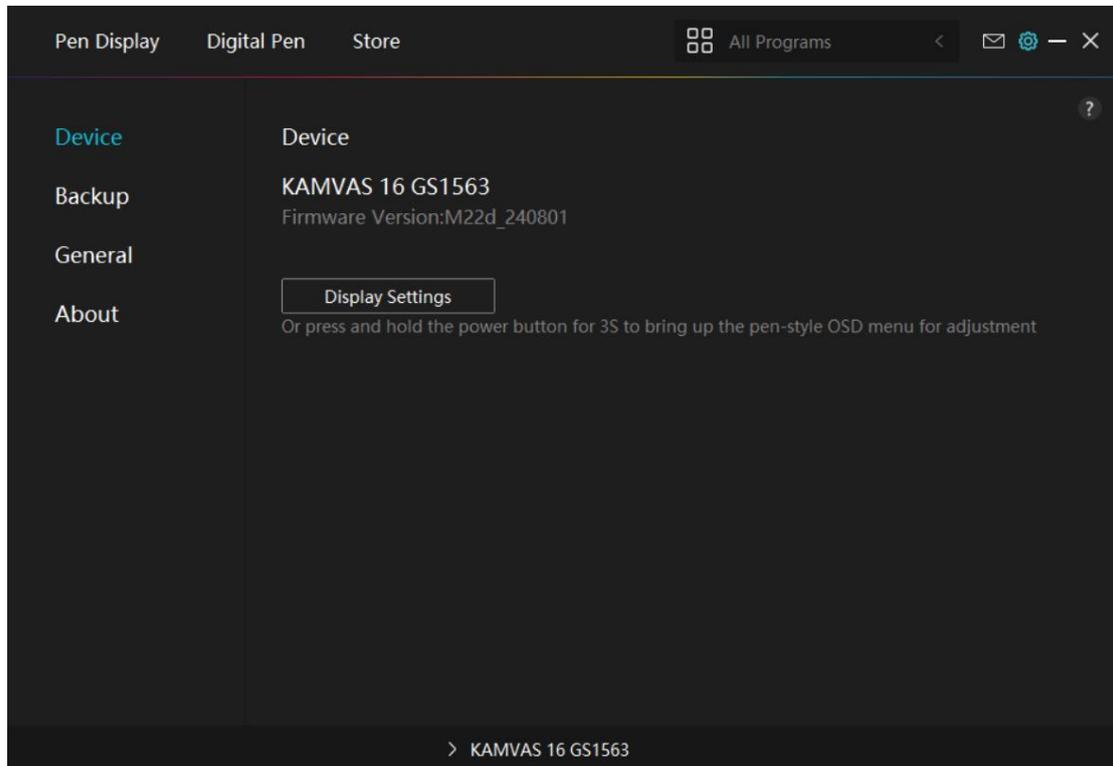
- ① To decide the force required for a pen to produce a click or a pressure sensation.
  - ②③ You can change the slope of the pressure response curve.
- Draw lines in the Pressure Test box with the pen, and the bar on the right will simultaneously show the pressure changes on the pen nib. Click the “Delete” button above to remove the lines, reset the pressure sensitivity level and test it until you find the appropriate pressure sensitivity level.



## 7.4. Driver Setting

### 7.4.1. Device

You can view the information of the firmware and the connected product here.



#### \* Display Settings

Scene Mode: "Standard Mode" , "Game Mode" , "Movie Mode" and "USER" can be selected.

When selecting "Standard Mode" , "Game Mode" , or "Movie Mode" , you can adjust the "Saturation" value by dragging the blue slider.

When selecting "USER" mode, you can adjust the "Brightness" value, "Contrast Ratio" value, and "Saturation" value by dragging the blue slider.

Brightness: You can drag the corresponding slider to adjust the brightness of the screen.

Contrast Ratio: You can drag the corresponding slider to adjust the contrast ratio of the screen.

Saturation: You can drag the corresponding slider to adjust the saturation of the screen.

Color Temperature: "6500K", "7500K", "9300K", or "USER" mode can be selected.

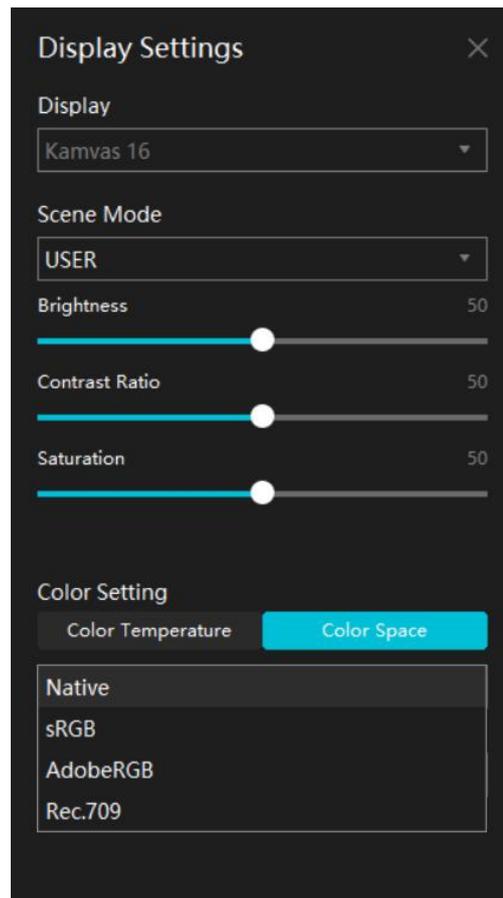
In "USER" mode, color temperature can be customized by adjusting RGB values.

Color Space: "Native", "sRGB", "Rec. 709", or "Adobe RGB" can be selected.

In Native color space, "Scene Mode" and "Color Temperature" can be freely adjusted or selected.

While in sRGB, Adobe RGB, and DCI-P3 color spaces, to ensure that the standards of the three color spaces can be met as far as possible, only "Brightness" in "USER" mode can be adjusted.

**Note:** For macOS users, Display Settings is available only when the full-featured USB-C cable is used for the connection. If you want to change the display settings, please use the full-featured USB-C cable to connect your device, or make adjustments by long pressing the power button for 3s to bring up the pen-enabled OSD menu.



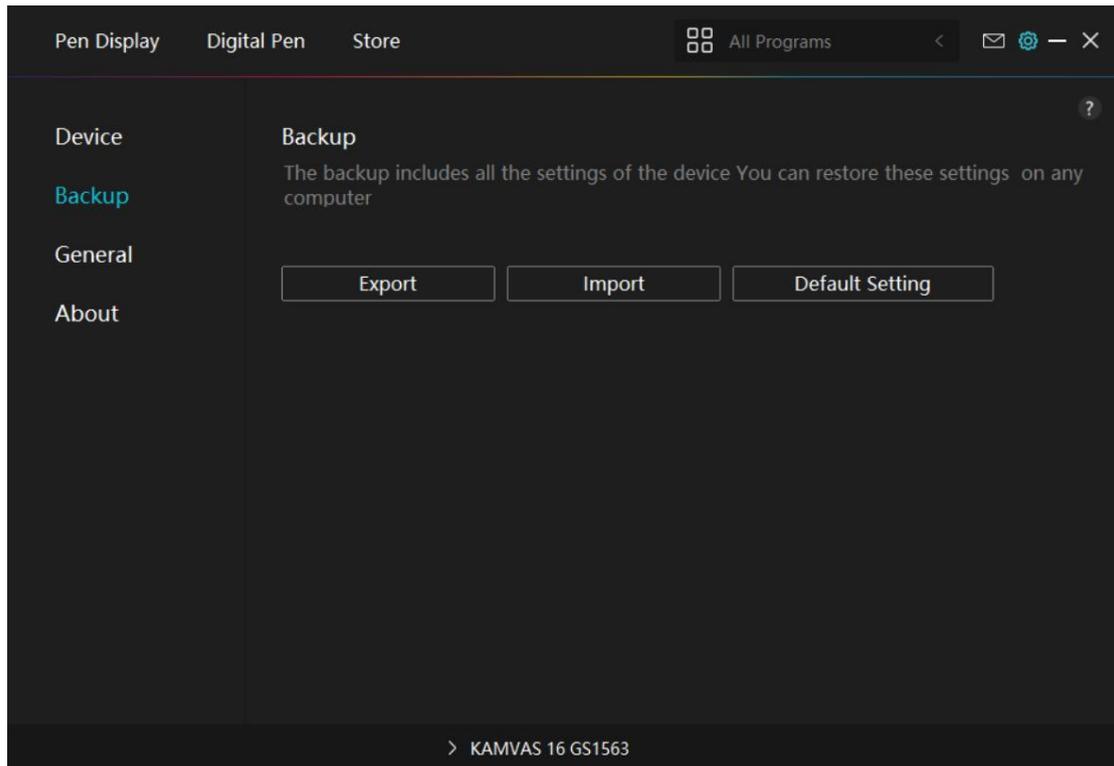
### 7.4.2. Backup

The backup contains all the settings data of the device. You can restore these settings at any time, locally or on another computer. Importing and exporting configuration settings is supported, which helps to avoid repeated settings when you use different devices.

Export settings: Click Export to export the current settings data locally.

Import settings: Click Import, open file manager, select the configuration file, and then open it.

Default Setting: All the settings on the current device are covered and the default settings are restored.



### 7.4.3. General Setting

**Language:** Click the drop-down button to switch between 14 languages.

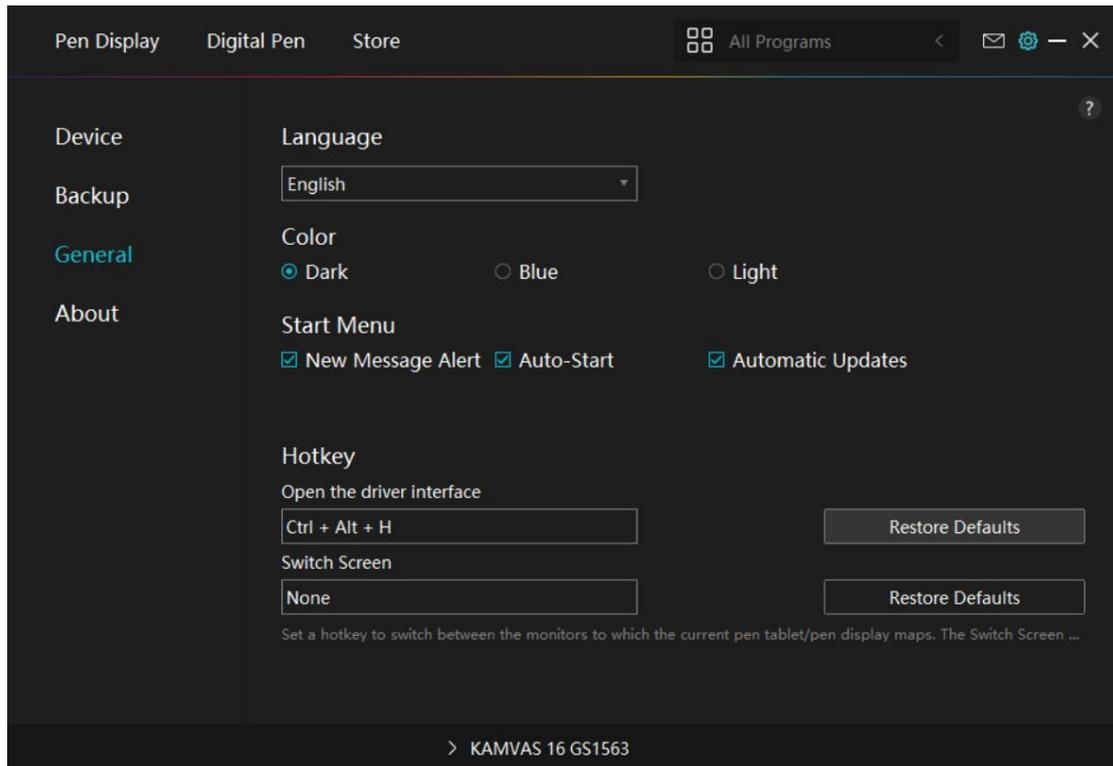
**Color:** You can select the color of the Driver interface among Dark, Blue, and Light according to your preference.

**Start Menu:** Click to select boot options. Click to enable “New Message Alert” , “Auto-Start” , and “Automatic Updates” , which helps improve our products and services, and makes it easier for you to experience the latest driver in a timely manner. They can also be disabled anytime.

**Hotkey:** You can set a hotkey to call out the Driver interface quickly according to your usage habits. When you want to restore the press key for opening the driver page by default, click "Reset to Default".

**Switch Screen:** Set a hotkey to switch between the monitors to which the current pen tablet/pen display maps. The Switch Screen hotkey works only for the current device supported by the HuionTablet driver application.

**Administrator privilege:** This item is only available for Windows OS. The driver will identify whether or not the current driver interface is opened with administrator privilege. If it is opened with administrator privilege, this item will not be displayed. If it is not opened with administrator privilege, this item will be displayed.

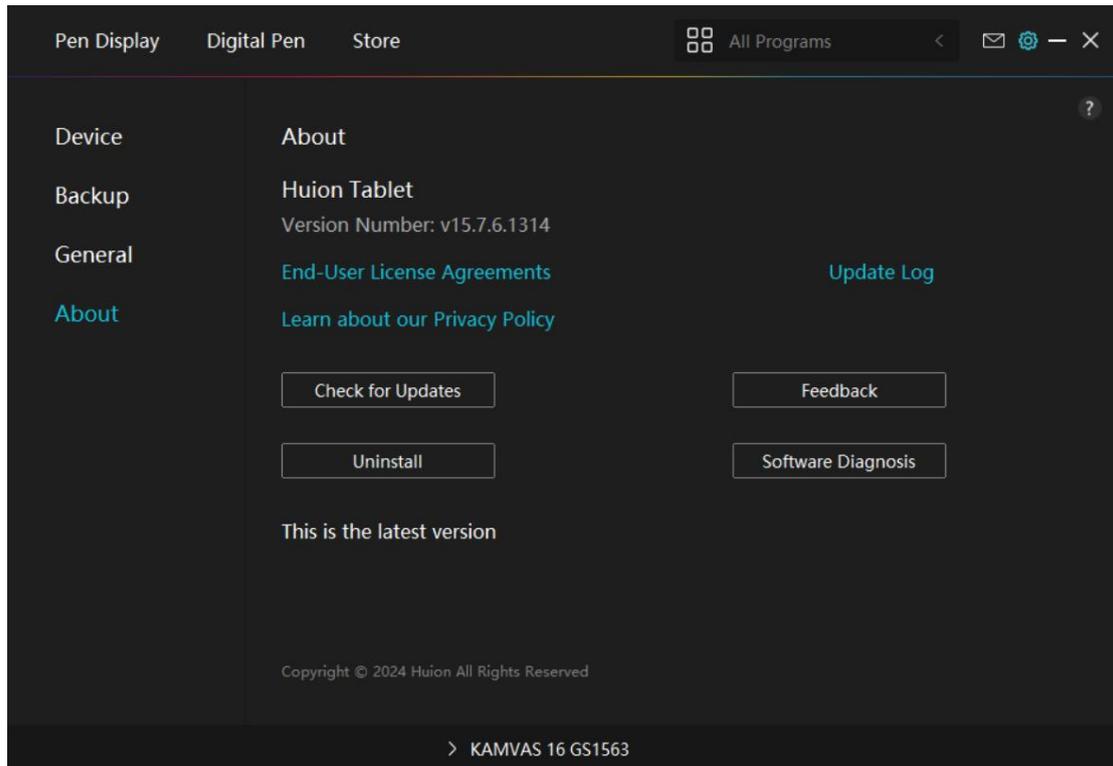


#### 7.4.4. About

Users can check the Driver version here. Click “Check for Updates” to find the latest Driver version and then follow the prompts to update the Driver if needed; Click "Feedback" to send a feedback email if you have any question about the driver;

Click "Uninstall" to delete the current driver. If you can't click or draw or there is no pressure sensitivity under the software, click "Software Diagnosis" to find out

cause. For specific operation, please click [here](#).



## 7.5. Dial Setting

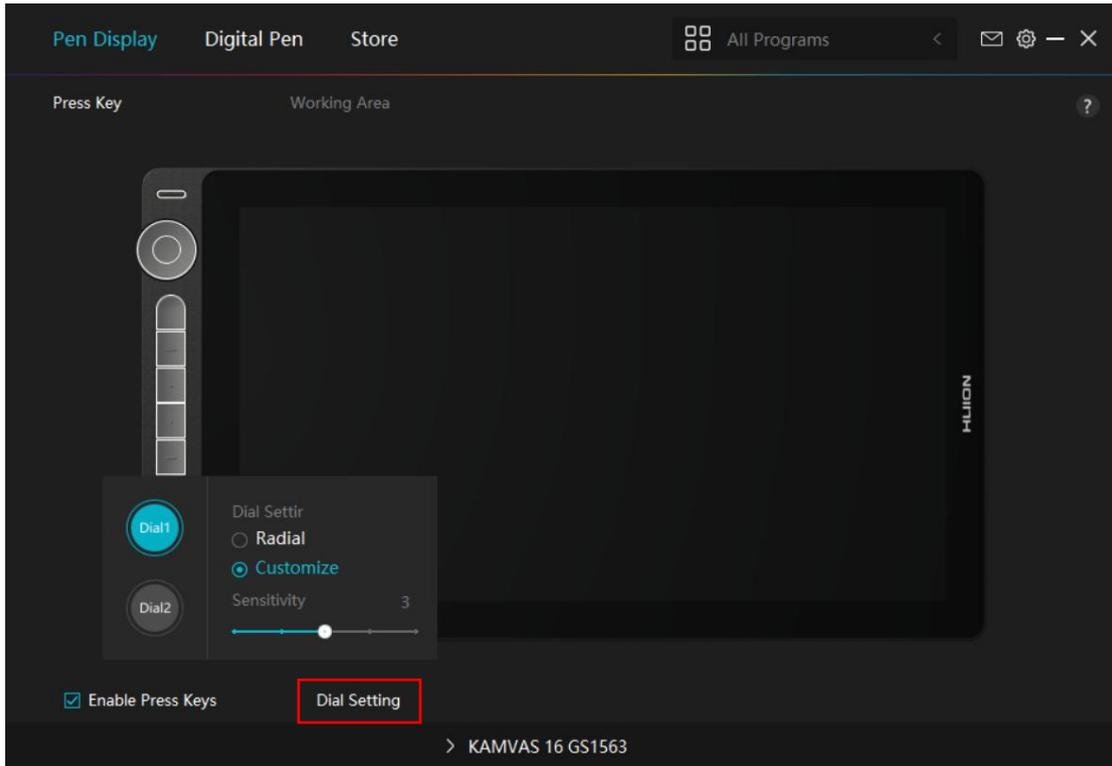
You can set the dial controller to a customize mode or use it to work with Windows Radial menu.

### 7.5.1. Customize Mode

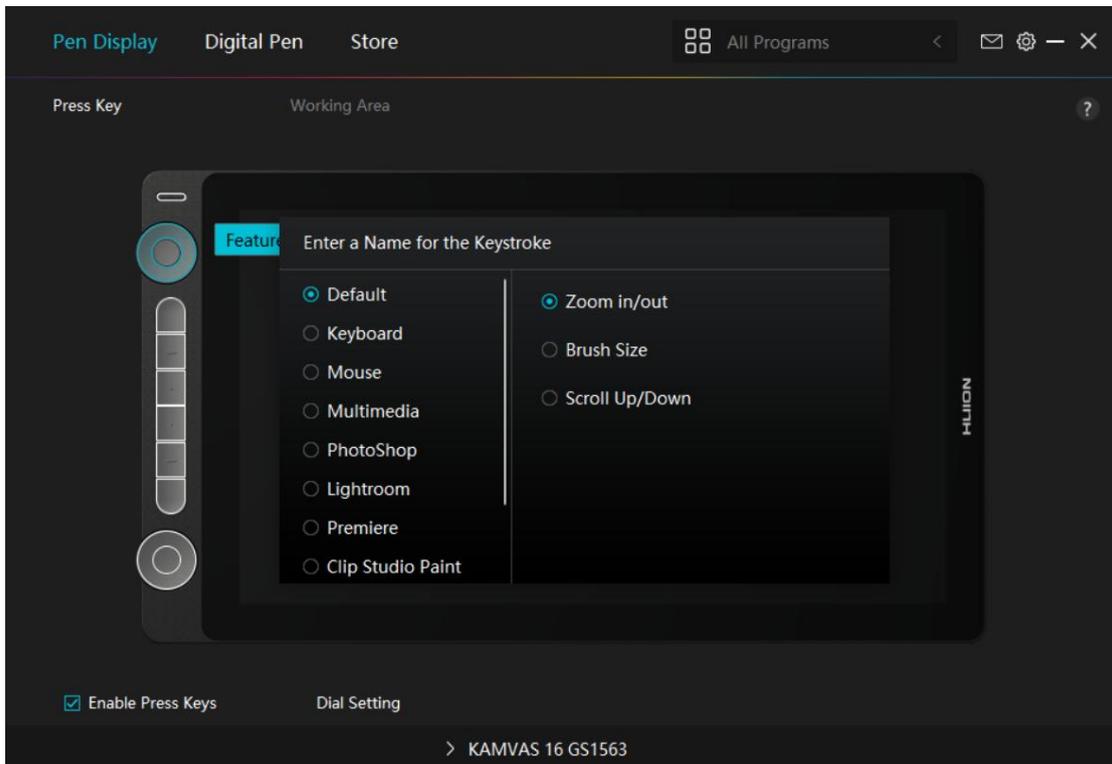
In Customize mode, dual dial controllers can be programmed respectively to perform different functions in the driver.

#### Steps:

1. Open the driver, click "Dial Setting" and choose Dial1/Dial2 to set its function.



2. In the menu bar that pops up, set any functions for the selected dial controller.



**Dial Functions:**

<p><b>Default</b></p>	<p>The default three functions of a dial controller are "Zoom</p>
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	in/out” , “Adjust Brush Size” , and “Scroll Up/Down” .
<b>Keyboard</b>	Click on the input box (Clockwise and Anticlockwise) and enter valid key combinations to create shortcuts. After that, you can rotate the dial controller to implement the settings.
<b>Mouse</b>	You can customize the dial controller to function as a mouse wheel, which can be used in combination with modifier keys.
<b>Multimedia</b>	You can turn the dial controller to play the previous song/frame or next song/frame. You can also rotate it to turn the volume up and down.
<b>Photoshop</b>	In Photoshop, you can set the dial controller to adjust selected parameters, brush size, brush flow, and brush opacity. You can also use it to switch layers and rotate canvas.
<b>Lightroom</b>	In Lightroom, you can set the dial controller to adjust selected sliders.
<b>Premiere</b>	In Premiere, you can set the dial controller to go to previous/next frame, adjust selected sliders, and zoom in/out timeline.
<b>Clip Studio Paint</b>	In Clip Studio Paint, you can set the dial controller to zoom in/out or rotate canvas.
<b>TVPaint Animation</b>	In TVPaint Animation, you can set the dial controller to go to previous/next frame, adjust selected parameters, and switch layers.

<b>No function</b>	After “No function” is selected, the corresponding press key becomes inactive and no command will be triggered when it is pressed. This setting is helpful for disabling press keys that you are not used to.
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**Note:** When you customize the dial controller to “**Mouse**”, “**Multimedia**”, “**Photoshop**”, “**Lightroom**”, “**Premiere**”, “**Clip Studio Paint**”, and “**TVPaint Animation**”, you can select “**Reverse**” to reverse the functions of the Dial/Touch key in different directions.

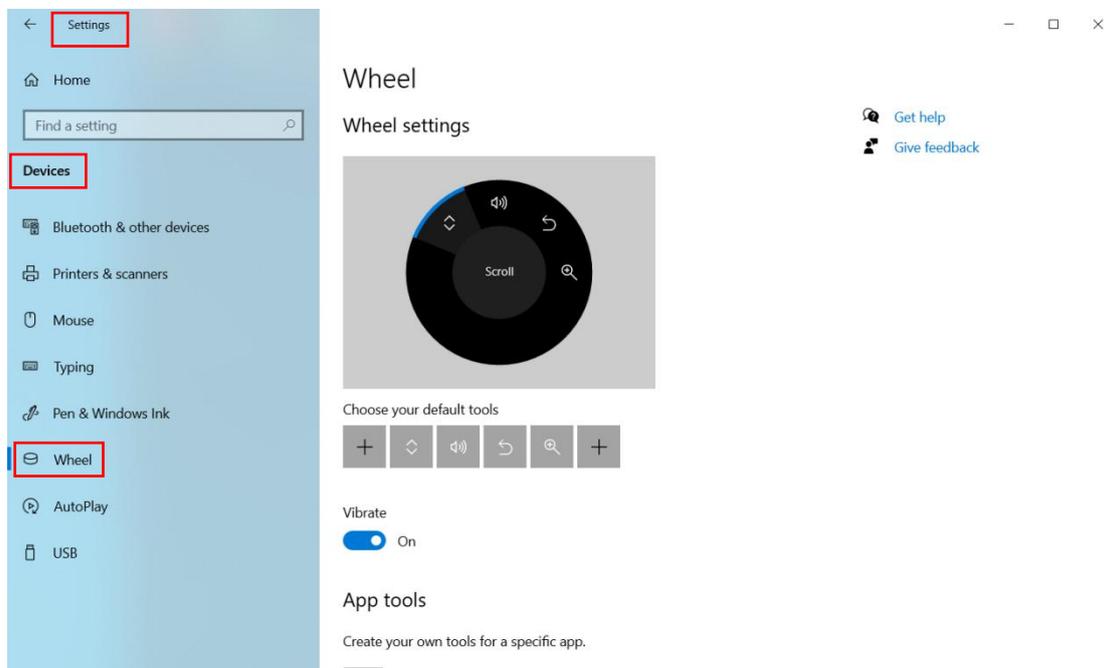
## 7.5.2. Radial Mode

Radial mode can only be implemented on Windows operating systems with no drivers installed or enabled.

In Radial mode, functional configurations of the dual dial controllers are the same.

### Steps:

1. Ensure the driver is not installed or started.
2. Go to Windows Settings > Devices > Wheel.

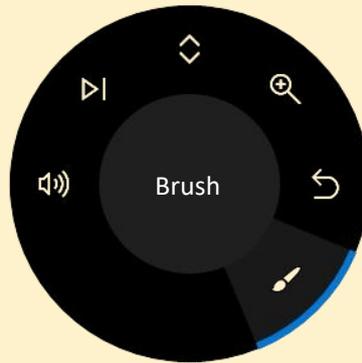


3. Choose the default tools for the Radial menu or customize the tools.
4. Turn the dial controller clockwise or anti-clockwise to use it.

**Tip:** On a computer running Windows 10 or later, the dial controller in Radial mode can be used within Photoshop to adjust size, opacity, flow, smoothing and control of all brush-like tools.

① Press and hold the function-switch button for about 3s to bring up the Radial

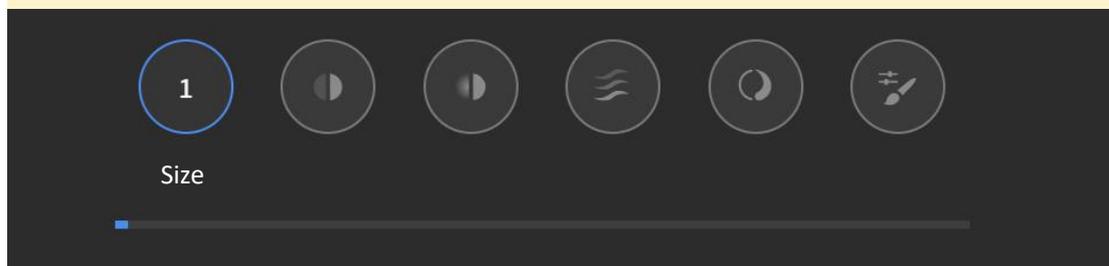
menu, and then select the brush icon by rotating the dial controller.



② Press the function-switch button to confirm the selected brush function.



③ When the “Brush Settings” panel appears as shown below, you can rotate the dial controller to select following functions (size, opacity, flow, smoothing and control). After choosing the corresponding function, press the function-switch button, and then rotate the dial controller left and right to adjust the parameter.



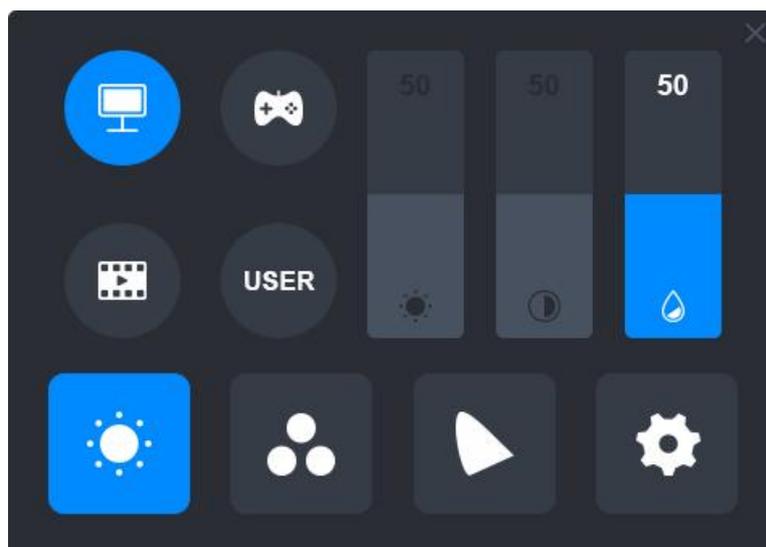
## 8. Pen-enabled OSD Menu

OSD menu settings on Kamvas 16 can be done with the digital pen.

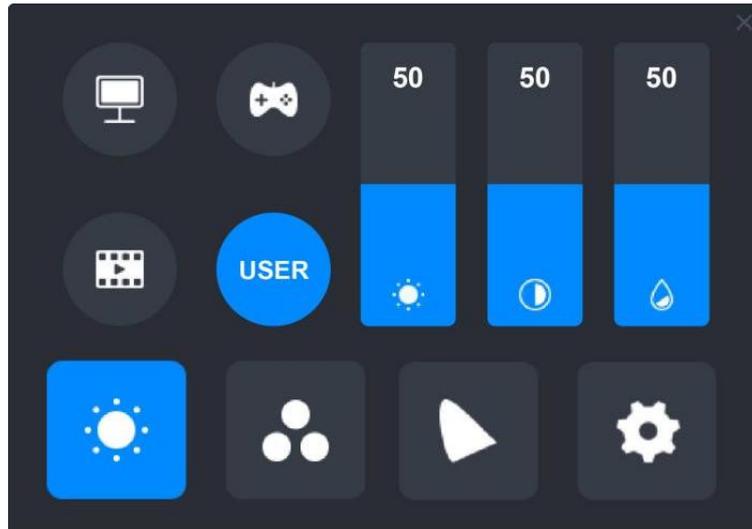
Long press the power button for 3s to bring up the OSD menu, and then use the digital pen to adjust the settings on the screen. The user interface is designed in a minimalist way. Four interfaces including the Scene Mode adjustment interface, Color Temperature adjustment interface, Color Space adjustment interface, and General Settings interface are reserved to meet users' needs.

### 8.1. Scene Mode

Click the sun icon to adjust the brightness. On the upper left of the interface, there are four modes to be chosen: "Standard Mode", "Game Mode", "Movie Mode" and "USER" mode. On the upper right are "Brightness", "Contrast", and "Saturation". When "Standard Mode", "Game Mode", or "Movie Mode" is chosen, only the third bar will be blue and users can drag it to adjust the saturation.



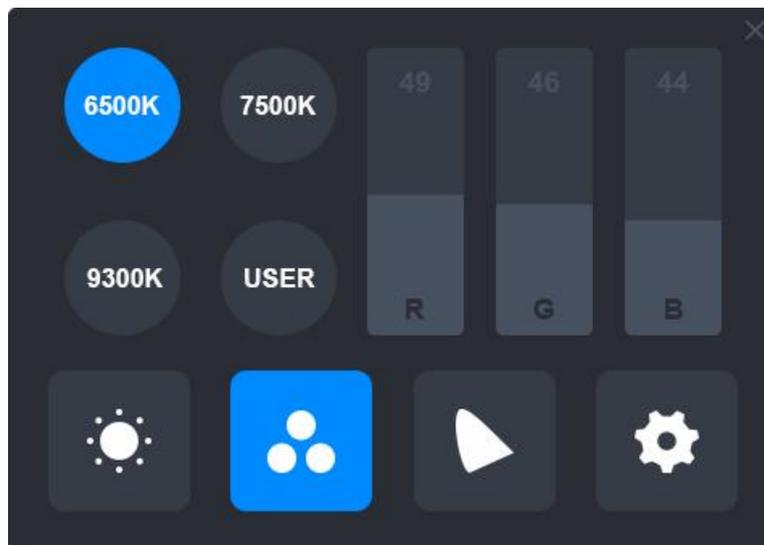
When "USER" mode is chosen, all three bars will be blue and users can adjust the brightness, contrast, and saturation by dragging them.



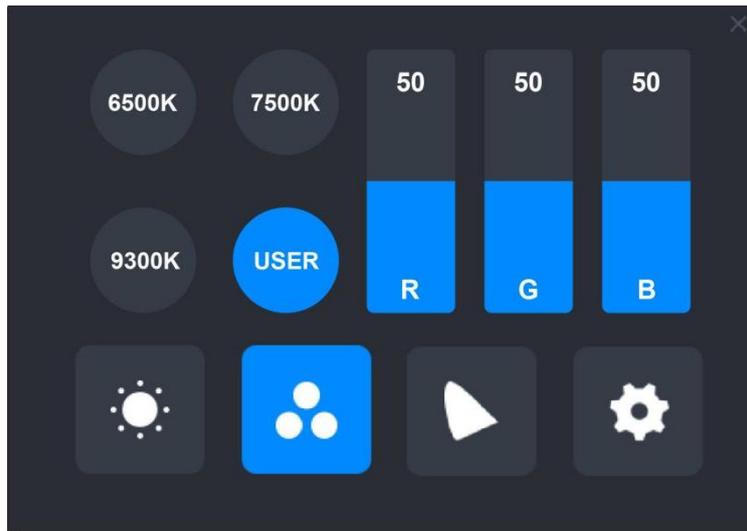
## 8.2. Color Temperature Settings

On the upper left are three standard color temperatures ( "6500K" , "7500K" , and "9300K" ) and a customizable one "USER" mode. On the upper right are the RGB color values: "R(Red)" , "G(Green)" , and "B(Blue)" .

If "6500K" , "7500K" , or "9300K" is chosen, all three bars will be dark and users can not adjust "R(Red)" , "G(Green)" , or "B(Blue)" .

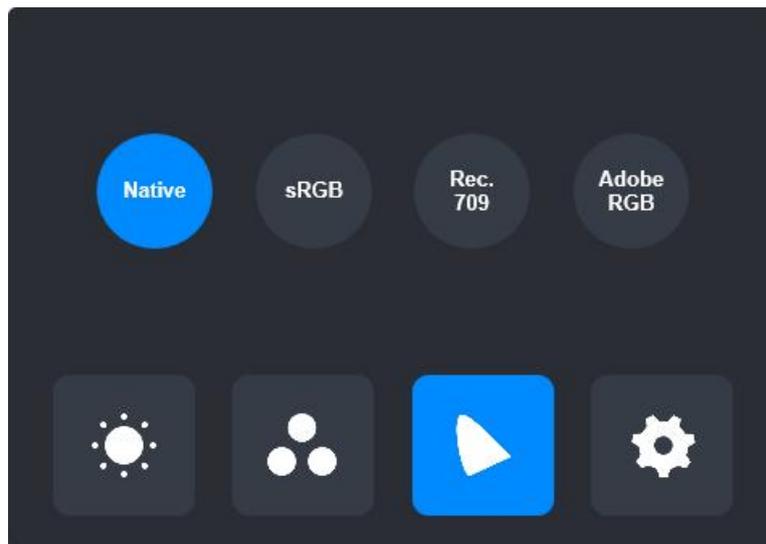


When "USER" mode is chosen, all three bars will be blue and users can adjust "R(Red)" , "G(Green)" , and "B(Blue)" by dragging them respectively.



### 8.3. Color Gamut Settings

Four color spaces: "Native", "sRGB", "Rec. 709", and "Adobe RGB" are displayed on the interface.



**Note:** In Native color space, values on the "Scene Mode" adjustment interface and "Color Temperature" adjustment interface can be freely adjusted or selected. While in sRGB, Rec.709, and Adobe RGB color spaces, to ensure that the standards of the three color spaces can be met as far as possible, only "Brightness" in "USER" mode can be adjusted.



Native

sRGB、Rec.709、Adobe RGB

## 8.4. General Settings

On the menu are "TypeC" , "HDMI" , "Full" , "4:3" , "16:9" , and "Reset" to be chosen.

- ①TypeC/HDMI: connect via a type-c cable or HDMI cable.
- ②FULL: change the viewable area to full screen.
- ③4:3: change the aspect ratio of viewable area to 4:3.
- ④16:9: change the aspect ratio of viewable area to 16:9.
- ⑤Reset: All the settings of the OSD menu will be reset to default ones.



**Note:** The pen-enabled OSD menu will automatically close if no operations are performed for a few moments.

## 9. Troubleshooting

Problems	Solutions
The pen tablet cannot sense the pen pressure while the cursor can move.	You may have installed other drivers or run the drawing software when installing the driver. Please uninstall all the drivers, close the drawing software, and then reinstall the Huion driver. It is suggested to restart your computer after finishing the installation. In addition, if the application is not compatible with the driver or does not support pressure sensitivity, there will also be no pressure sensitivity in this application.
The digital pen does not work.	<ol style="list-style-type: none"> <li>1. Make sure you are using the pen that originally came with your tablet.</li> <li>2. Make sure you installed the driver correctly.</li> </ol>
The press key does not work.	<ol style="list-style-type: none"> <li>1. Make sure you are using the pen that originally came with your tablet.</li> <li>2. Make sure you installed the driver correctly.</li> </ol>
The computer cannot enter sleeping mode.	Please do not place the digital pen on the working area of the pen display when you are not using it, otherwise, the computer will not be able to enter sleep mode.
The press key of the digital pen does not work.	The press keys of the digital pen will not work when the vertical distance between the pen nib and the tablet is over 10mm. If the vertical distance is within 10mm and the pen press key does not work, please check whether the driver works well and whether you have assigned functions to the two keys correctly or not. Then if the keys still do not work, maybe your pen is broken and you can contact our service team as long as the pen is under warranty.
The computer cannot recognize the pen display.	Please check whether the USB port of your computer functions well. If not, please try another USB port.
Failed to connect Kamvas 16 to other device and "Device Disconnected" appears.	Please restart your computer or driver; make sure the USB port and USB-C cable work well; unplug the USB cable and plug it again; try another USB port; download and reinstall the latest driver; please whitelist the driver on macOS devices.

If your problem is not resolved, please click [FAQs](#) to view more troubleshooting methods or email us([service@huion.com](mailto:service@huion.com)).