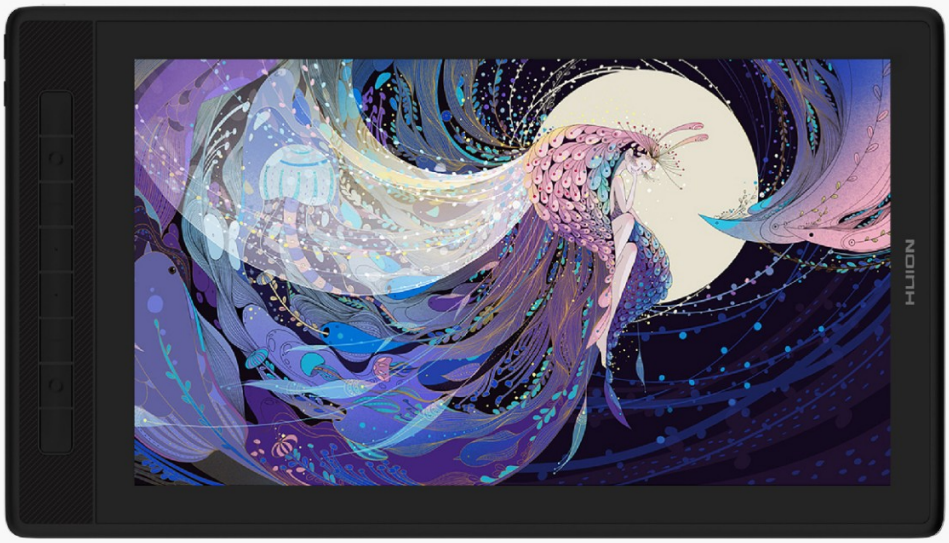
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Product Overview

Display Introduction



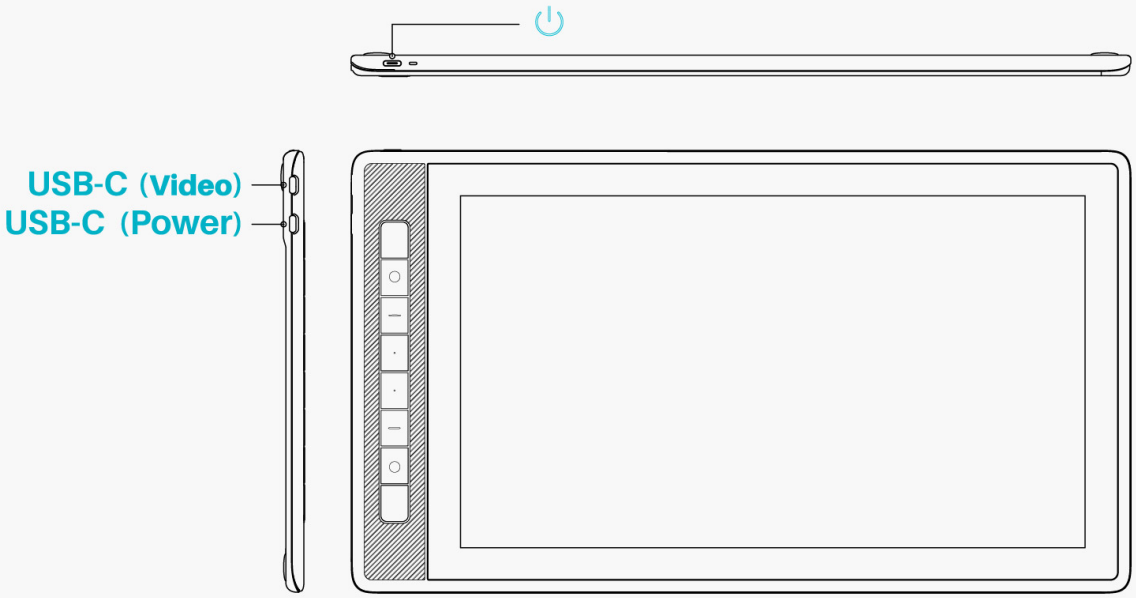
Thanks for choosing HUION Kamvas Pro 16(2.5K) creative pen display. As a new generation of professional pen display, Kamvas Pro 16(2.5K) enables you to enjoy drawing and creating with higher efficiency. With this pen display, you can freely write and draw, making lines varied in width, painting pictures in different shades of colors, and gaining a pen-on-paper experience.

To better understand and use this product, please read this user manual carefully. It shows how to use Kamvas Pro 16(2.5K) when you connect it to a computer running Windows operating system. It is also applicable to computers running Mac operating system unless a special note is given out.Design and specifications are subject to change without notice.

Note: The pictures in the User Manual are for reference only.

Accessories

Product Overview

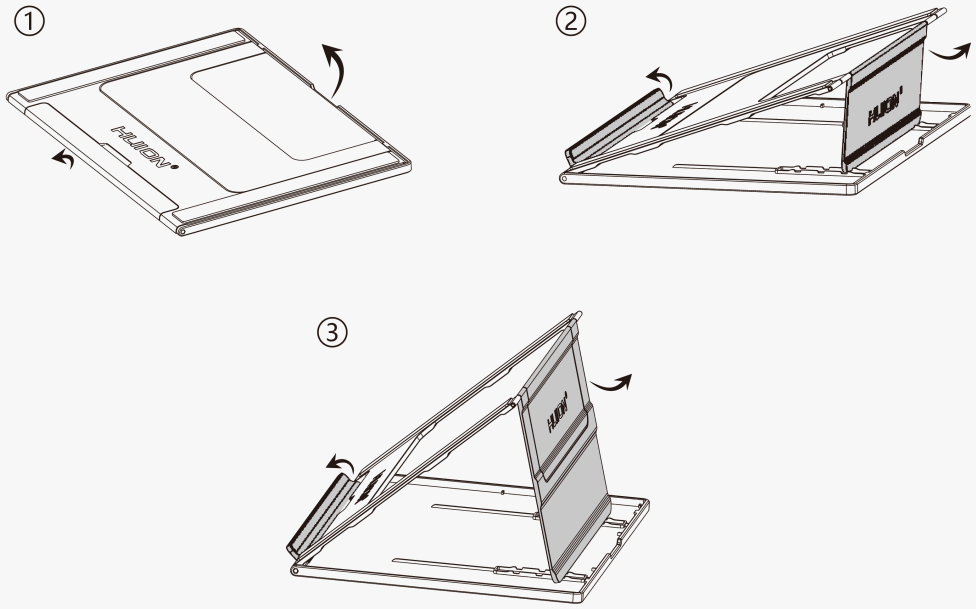


Accessories

Pen Display*1
Battery-free Digital Pen*1
Pen Holder*1
Standard Pen Nib*5, Felt Pen Nib*5
Pen Nib Clip*1
Foldable Stand*1
3-in-2 Cable*1
USB Extension Cable*1
Full-featured USB-C To USB-C Cable*1
USB Power Cable*1
USB Power Adapter*1
Quick Start Guide*1
Cleaning Cloth*1

Stand Installation

An ergonomic adjustable stand is specially designed for KAMVAS Pro 16(2.5K). Adjust the angle of your pen display according to your habits and you can have a more comfortable drawing and writing experience.



Connection

Kamvas Pro 16(2.5K) supports both computers and Android devices. The following are ways of connection for reference.

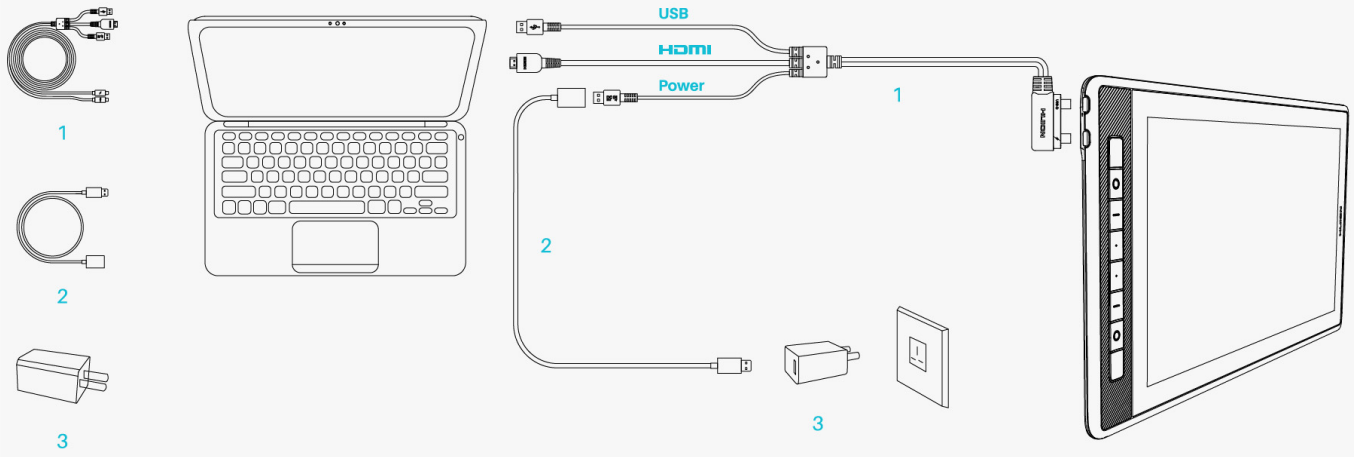
Connect via a Three-in-two Cable

Connect the pen display to your computer via a three-in-two Cable.

1.Take out a three-in-two cable from the package and connect the pen display to a computer through it.

2.Connect the power adapter to a power cable.

*The extended cable helps to connect the display to the power supply if the power cable is too short. Any USB power adapter is usable as long as the output is 5V, 3A.



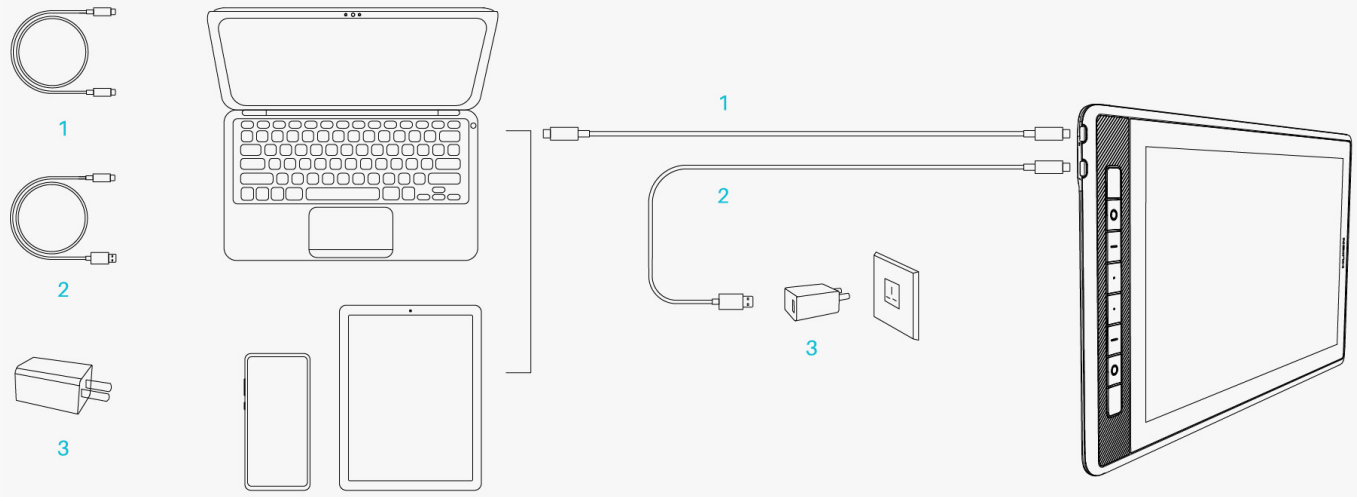
Connect via a Full-featured USB-C to USB-C Cable

Connect the pen display to your computer or any Android device via a full-featured USB-C to USB-C cable.

1.Take out the full-featured USB-C to USB-C cable and connect the display to a computer or Android device through it.

2.Connect the power adapter to a power cable.

*Users can buy a full-featured USB-C to USB-C cable or a power cable separately, but make sure the former supports at least USB3.1 GEN1 data transfer protocol & DP1.2 and the output is at least 5V, 3A.



Driver and Setting

Install Driver

1. Please choose the correct driver for your device from our website: Driver-Kamvas Pro 16(2.5K).

2. Click Driver-Kamvas Pro 16(2.5K) to download it.

3. Follow the instructions to complete the installation.

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 apps.

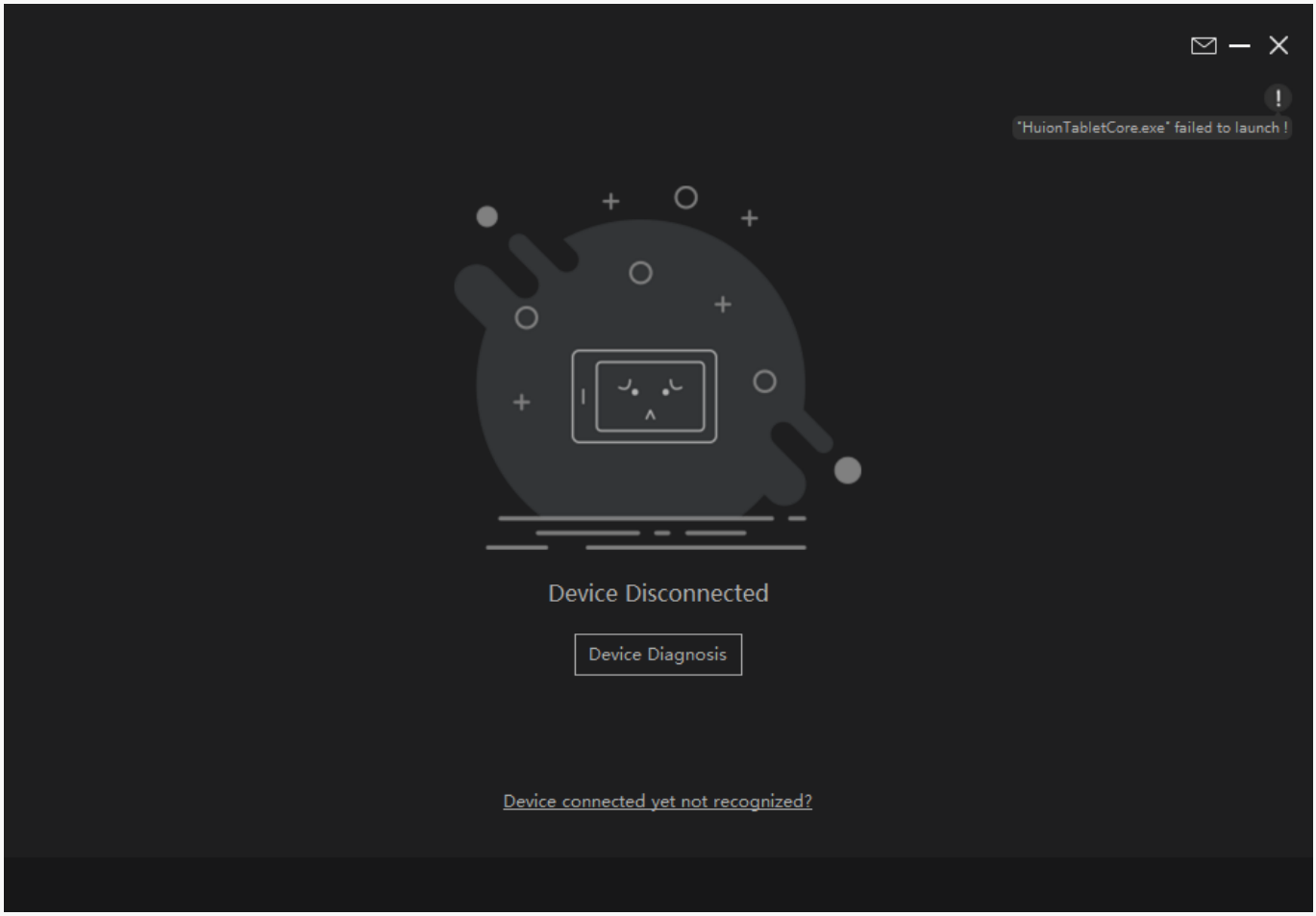
② If you have installed a Driver 15 of Huion’s product, it’s unnecessary for you to install it again. Because Kamvas Pro 16(2.5K) is compatible with any Driver 15.

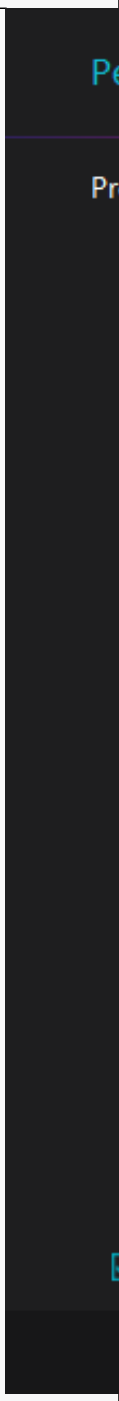
③ Please make sure your computer operating system is Windows 7 or later/mac OS 10.12 or later.

④ Open the driver and a picture of Kamvas Pro 16(2.5K) will appear, indicating that the pen display is successfully connected to your computer. Now you can use your pen display.

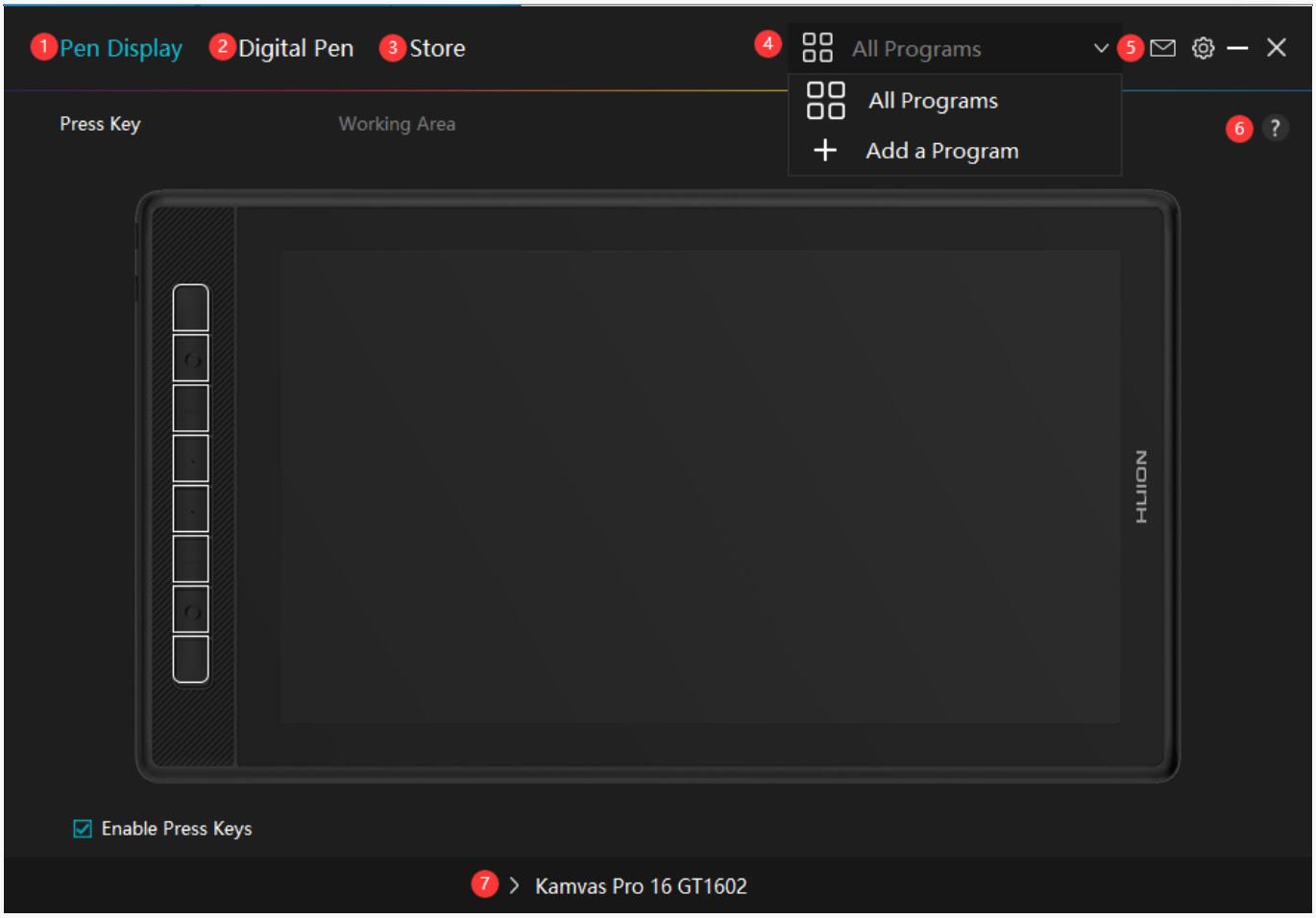
⑤ If the connection fails, please restart the driver or your computer.

Note: The pen display cannot work once the driver is uninstalled or deleted. In this case please click Driver-Kamvas Pro 16(2.5K) to reinstall a driver and your pen display and digital pen will restore to their default settings.





Driver Interface Preview



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, click Browser and choose the item that you want to get it added.

2. You can set different functions for different programs. Functions of the press keys change automatically as you switch from one program to another.

3. When you select “All programs”, the functions of press keys that you set are valid for every program. By clicking Add a Program from the drop-down list, you can set the functions for a specific program and hence have unique settings for different programs. After that, when you launch a specific program, the Driver will automatically recognize it and the setting features will change to its corresponding ones.

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.

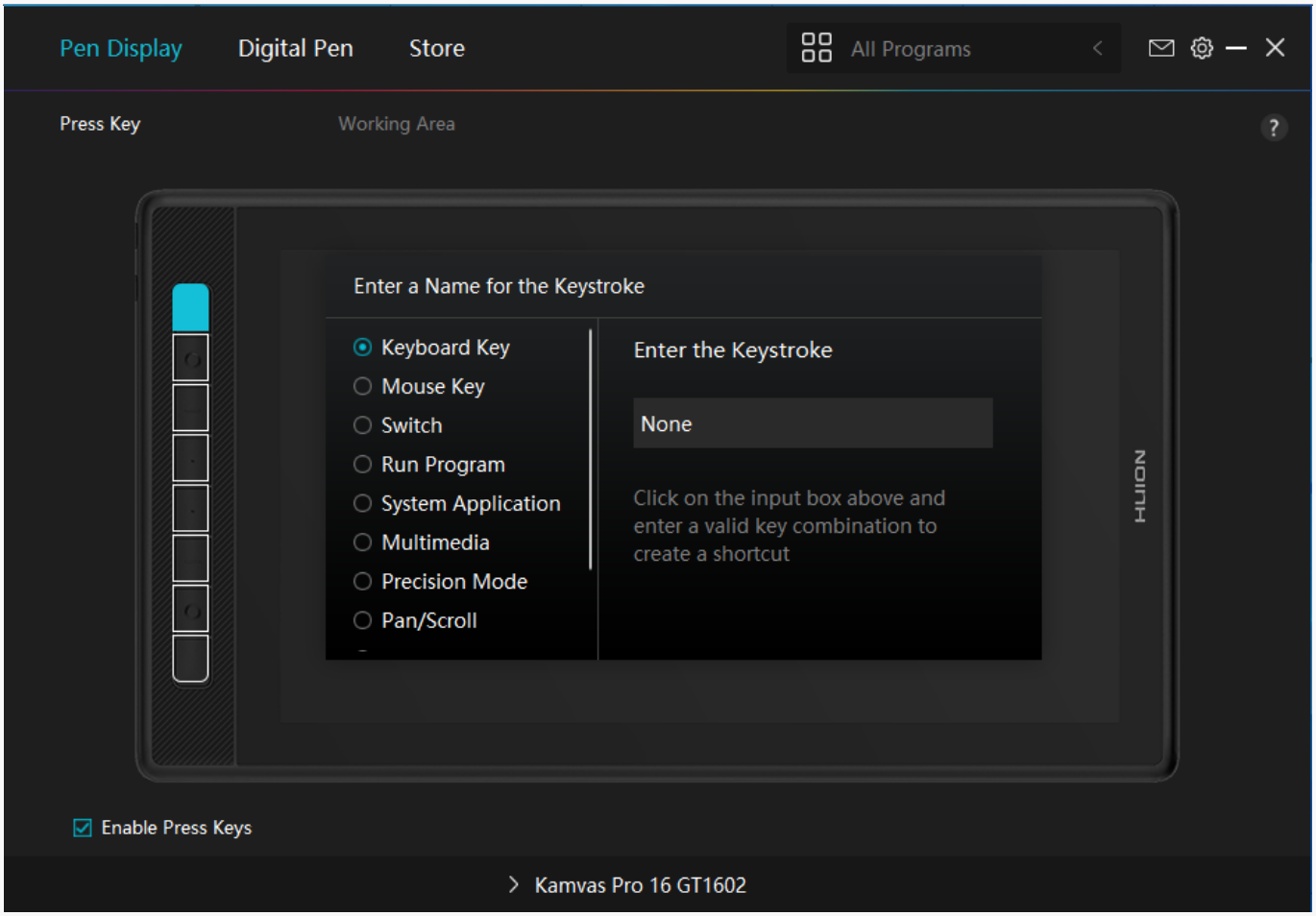
7. Switch between Devices

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.

Pen Display Setting

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.

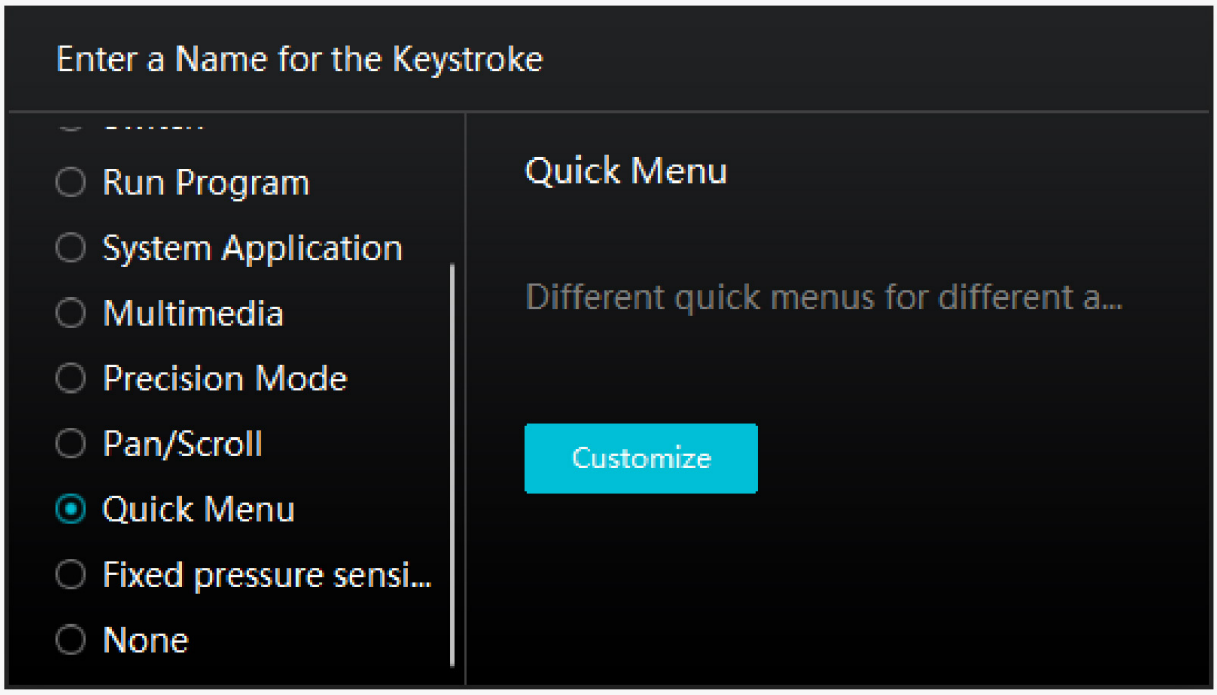


Refer to this table of settings below to help you decide if you want to change the existing settings.
Note: The performance of functions in the table below is up to the device that users have connected.

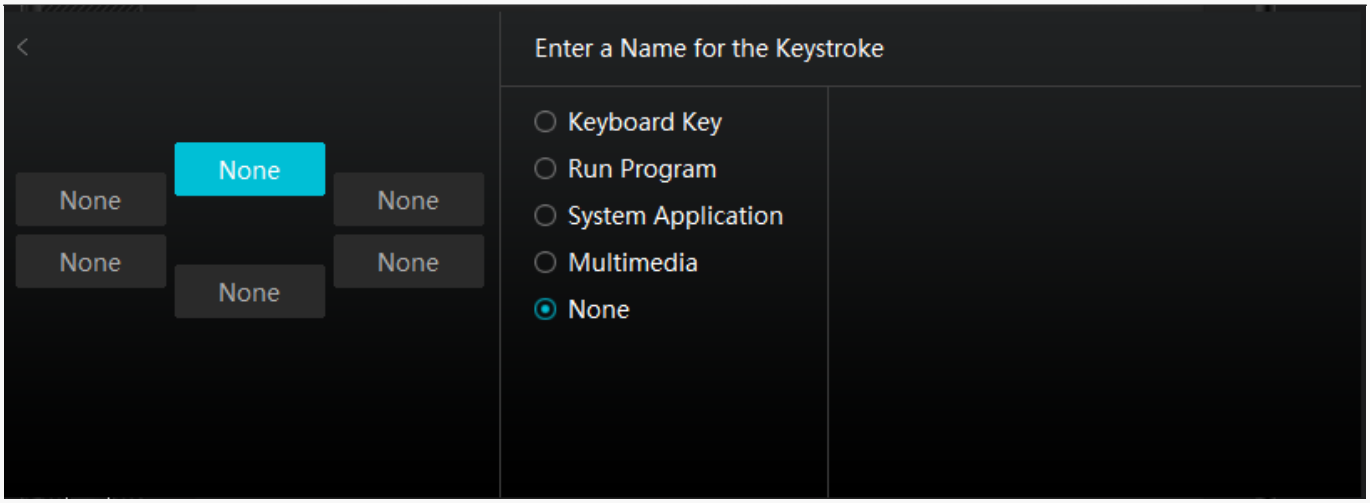
Keyboard Key	Click on the input box above and enter a valid key combination to c
Mouse Key	Select the functions of a Mouse or Wheel. Please see the picture be functions. Mouse: Left Button, Right Button, Middle Button, and Do Wheel Backward. Other functions: Ctrl, Alt, Shift, and Win .
Switch	Select among Switch Screen, Switch Brush.
Run Program	Click Browse and select the program that you want to run quickly. A
System Application	You can apply these functions to press keys: Lock the Screen, Sleep Start Menu, and Calculator.
Multimedia	You can apply these functions to press keys: Previous Song, Next So and Muted.
Precision Mode	You can toggle between normal precision and a precision that you Precision Mode window that appears, move the slider to set the pre you assign Precision Mode to a pen button, when you press the pen precision that you selected from the slider. When you press the pen the normal precision. Press “Esc” to exit Precision Mode.
Pan/Scroll	This function allows you to pan and scroll in a document or item by left.When you select Pan/Scroll, the Scroll Speed window appears. N

	speed.
Quick Menu	Pick it up and you can use the key to pull up the Quick Menu. Detai this table.
Fixed Pressure Sensitivity	You can lock the pressure at the current level until you release the setting to a pen button, you can paint with pressure sensitivity enab brush size you like. Then, press and hold the pen button to lock in t holding the button.
None	When select None, the keys will not work.

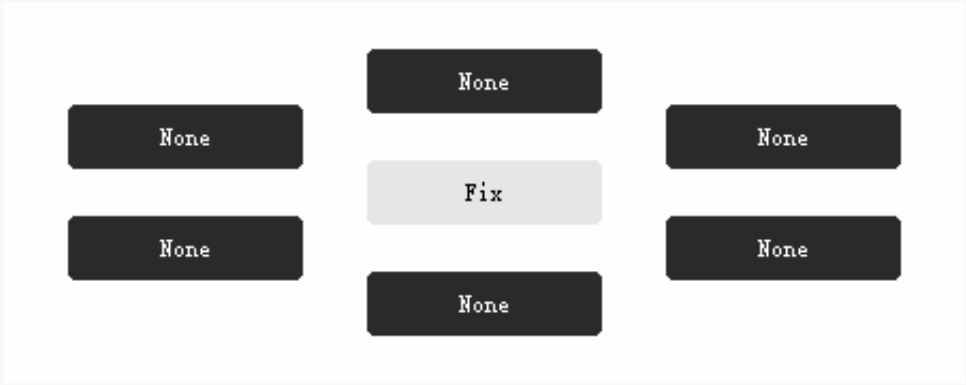
Note: The pictures are for reference only.



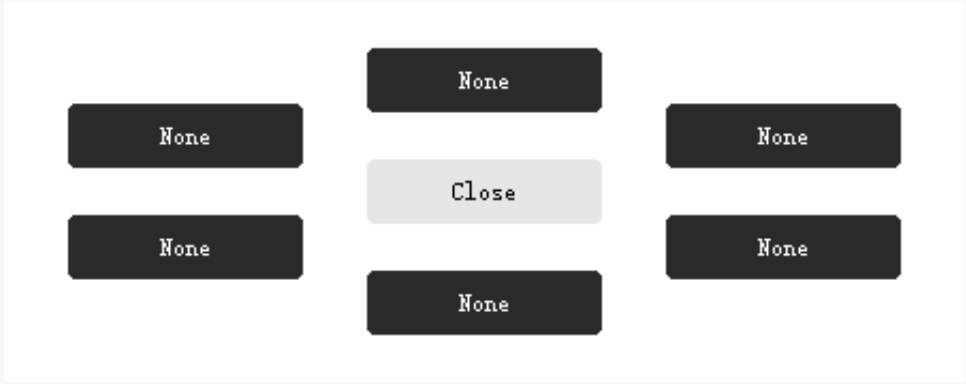
Click Customize in the picture above to call out a quick menu (see picture 1). For each of the six buttons on the left, users can enter a name for it and set unique function for it. After that, users can call up the Quick Menu by pressing the key (see picture 2). The menu disappears after a click on 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.



Picture 1



Picture 2



Picture 3

Working Area

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.

1. Working Area Setting

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.

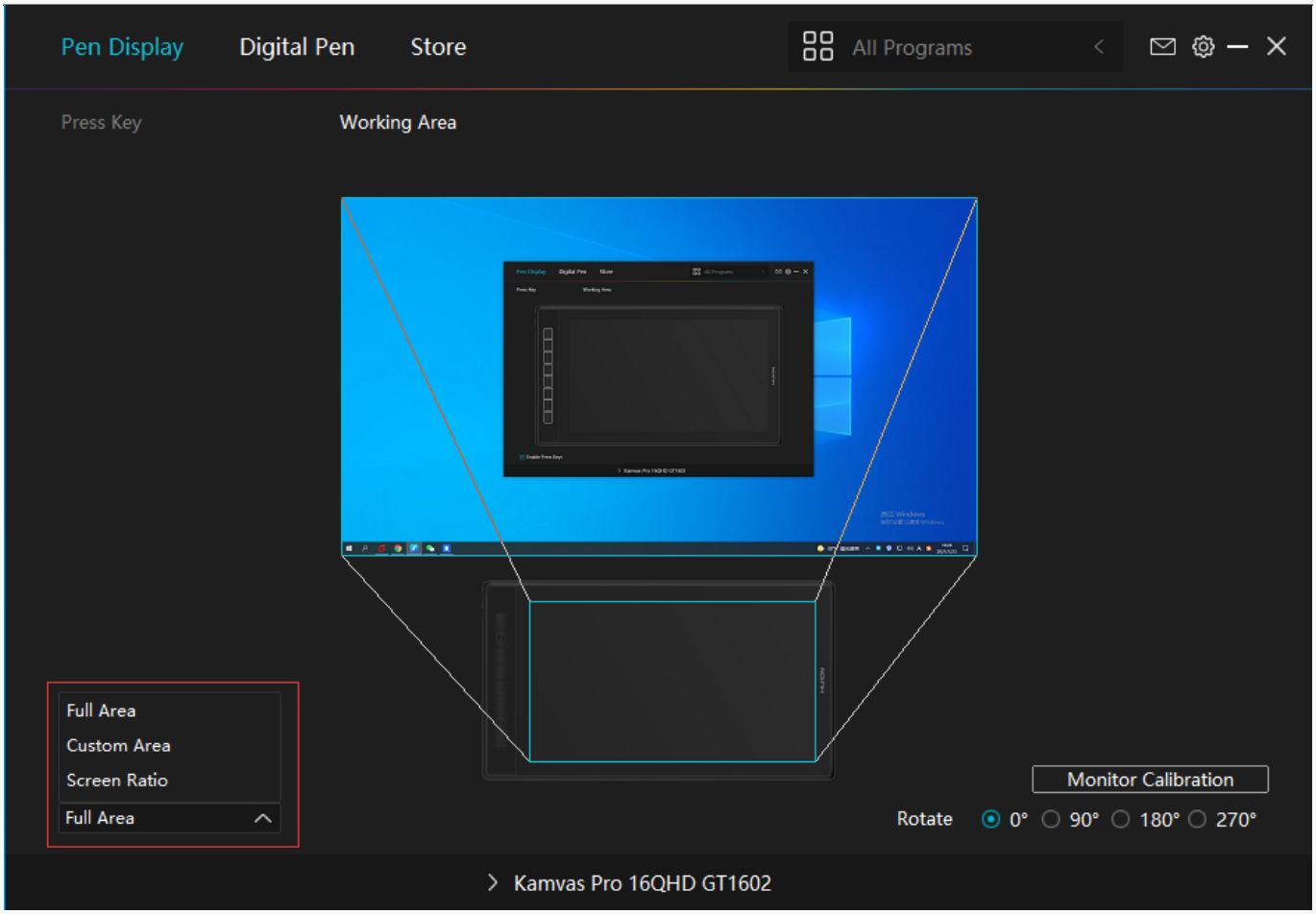
[2] Screen Ratio: The ratio of the active pen display area is the same as that of the monitor, which as a general rule, is 16:9. For example, if you choose the screen ratio and draw a circle on the pen display, then a circle appears on the monitor that has been connected to the pen display, in this case 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, is 16:9. In Screen Ratio mode, these two ratios keep the same.

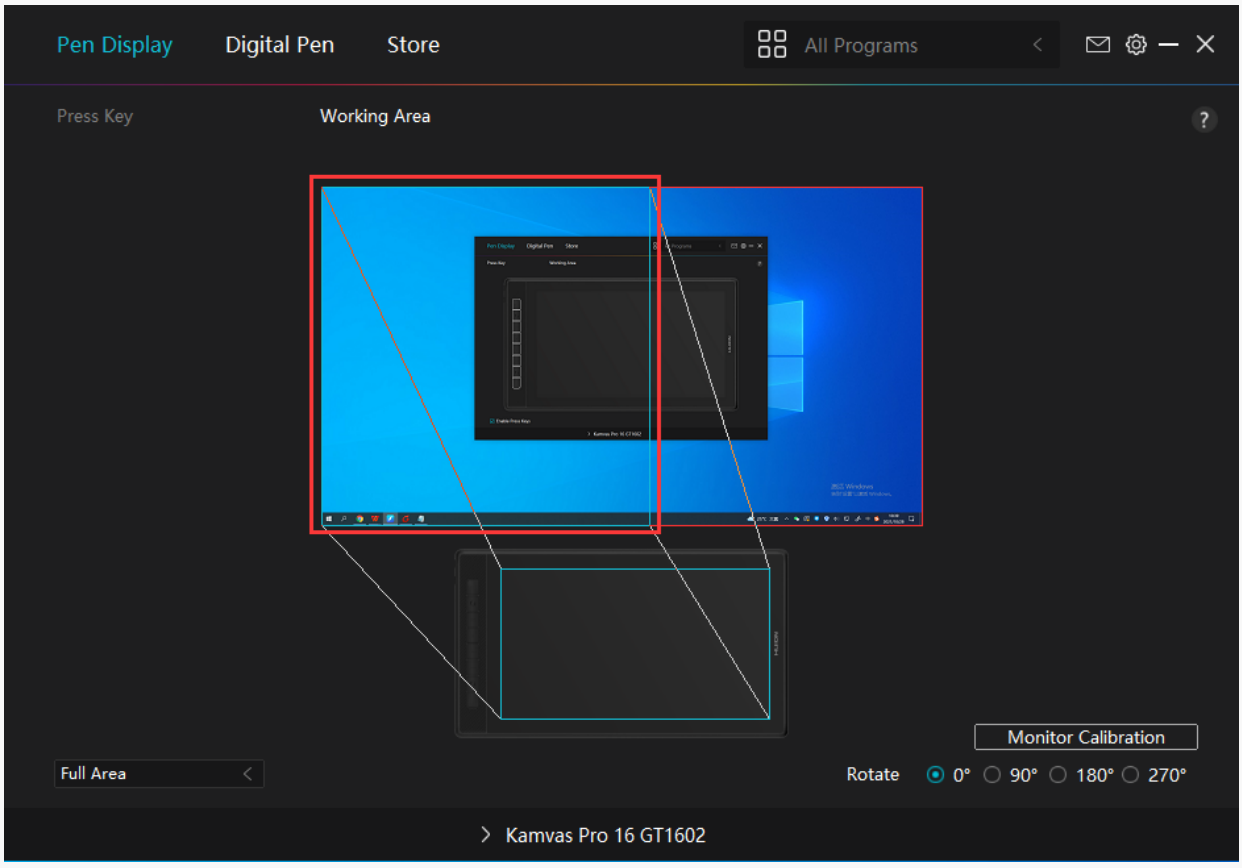
[3] Custom Area:

1> Enter coordinate values.

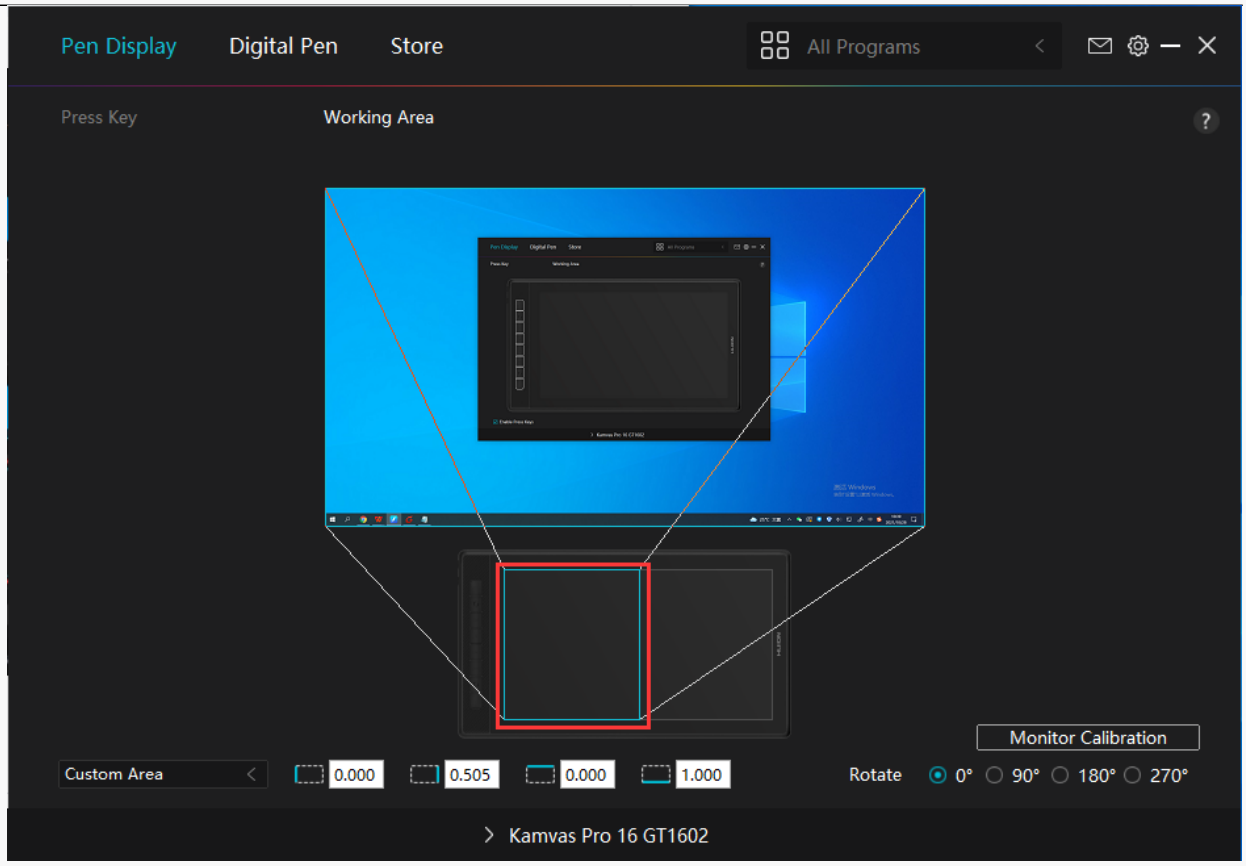
2> Users can adjust the working area of the pen display by changing the outlines of the smaller rectangle (see picture 1). Users can also drag the two blue rectangles to select the active areas of the digital pen on the screen and the pen tablet. (see picture 2 and 3).



Picture 1



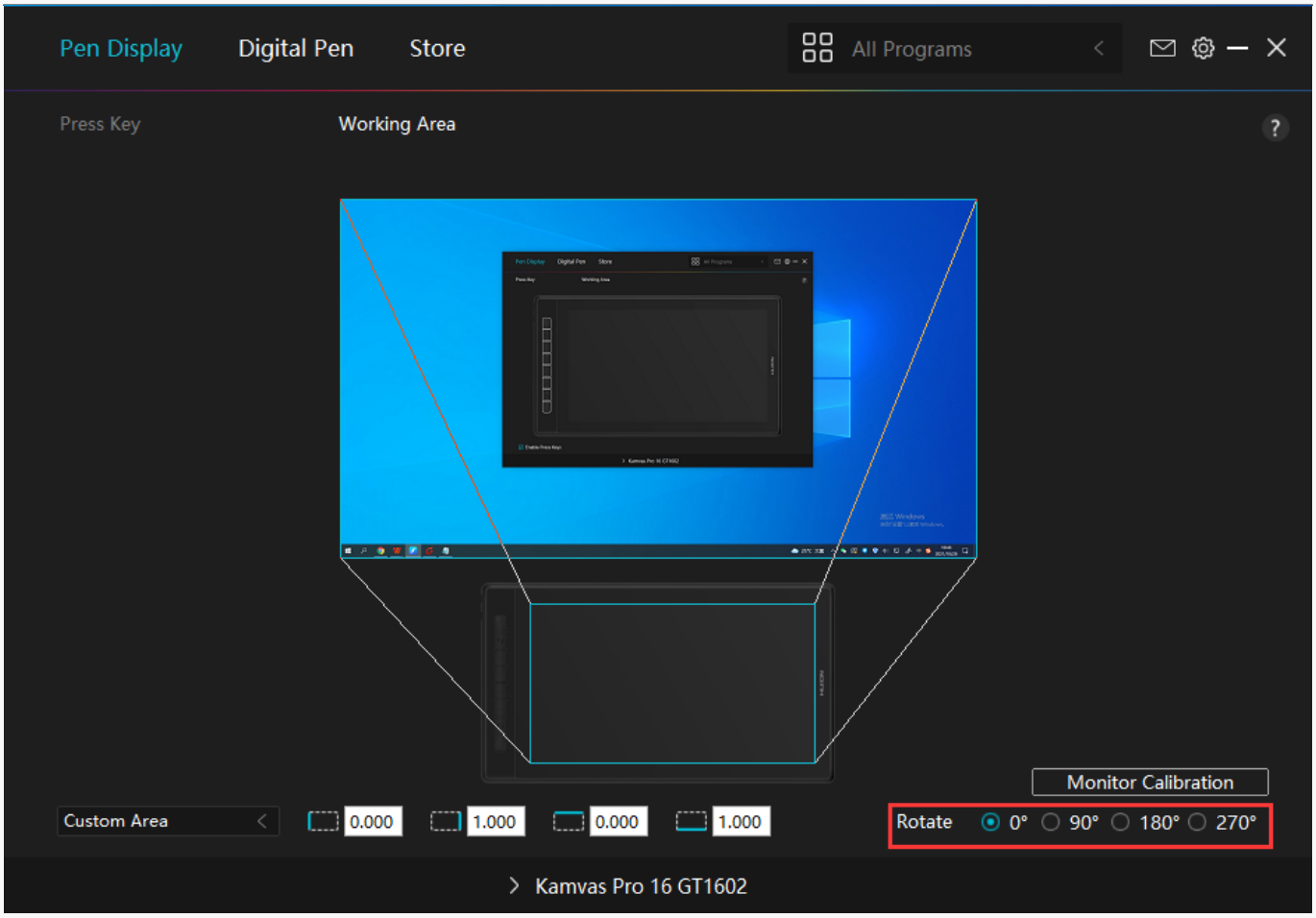
Picture 2



Picture 3

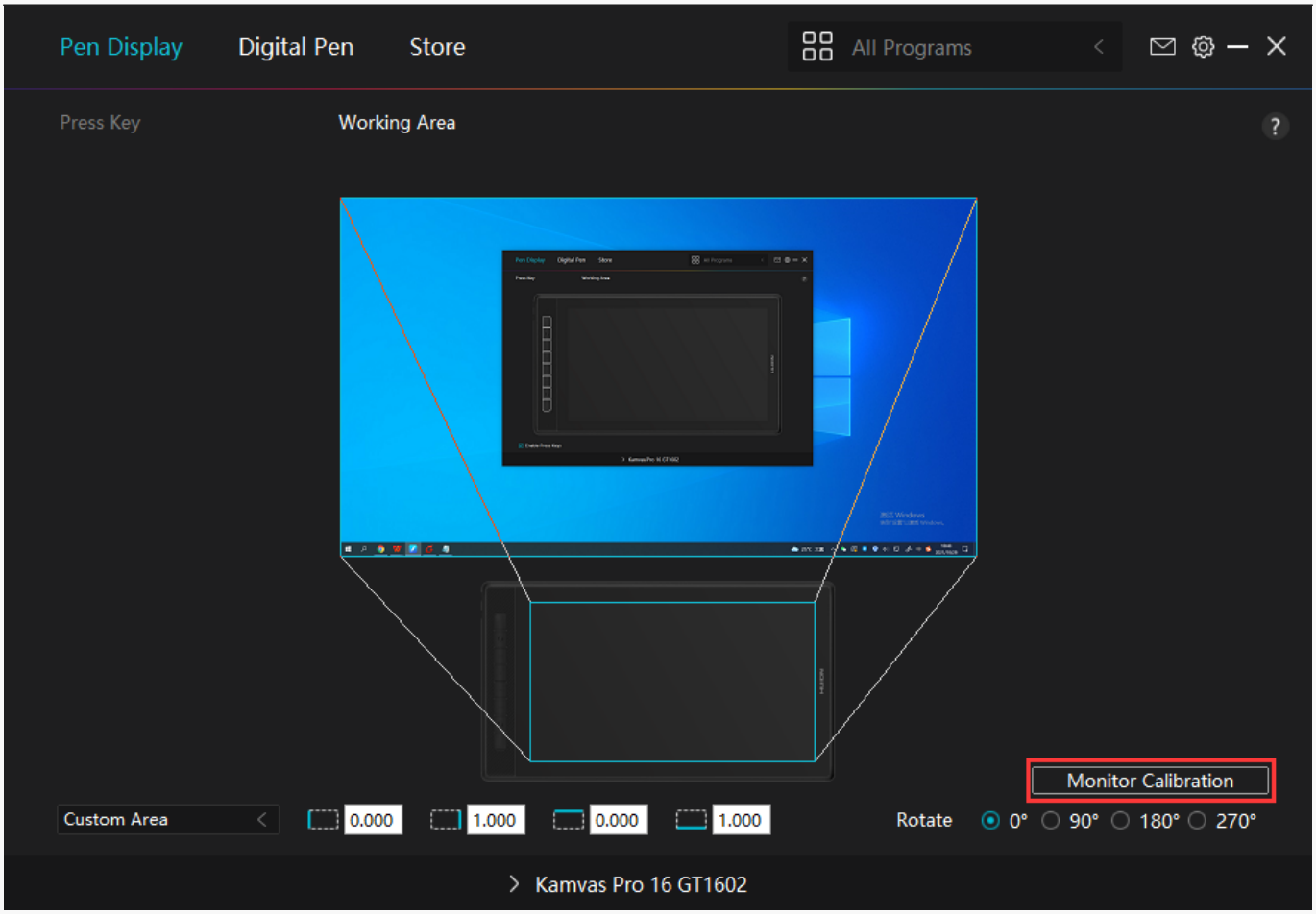
2. Rotate Working Area

Both left-handed and right-handed users can freely use the pen display because it can be rotated by 0°, 90°, 180°or 270°.

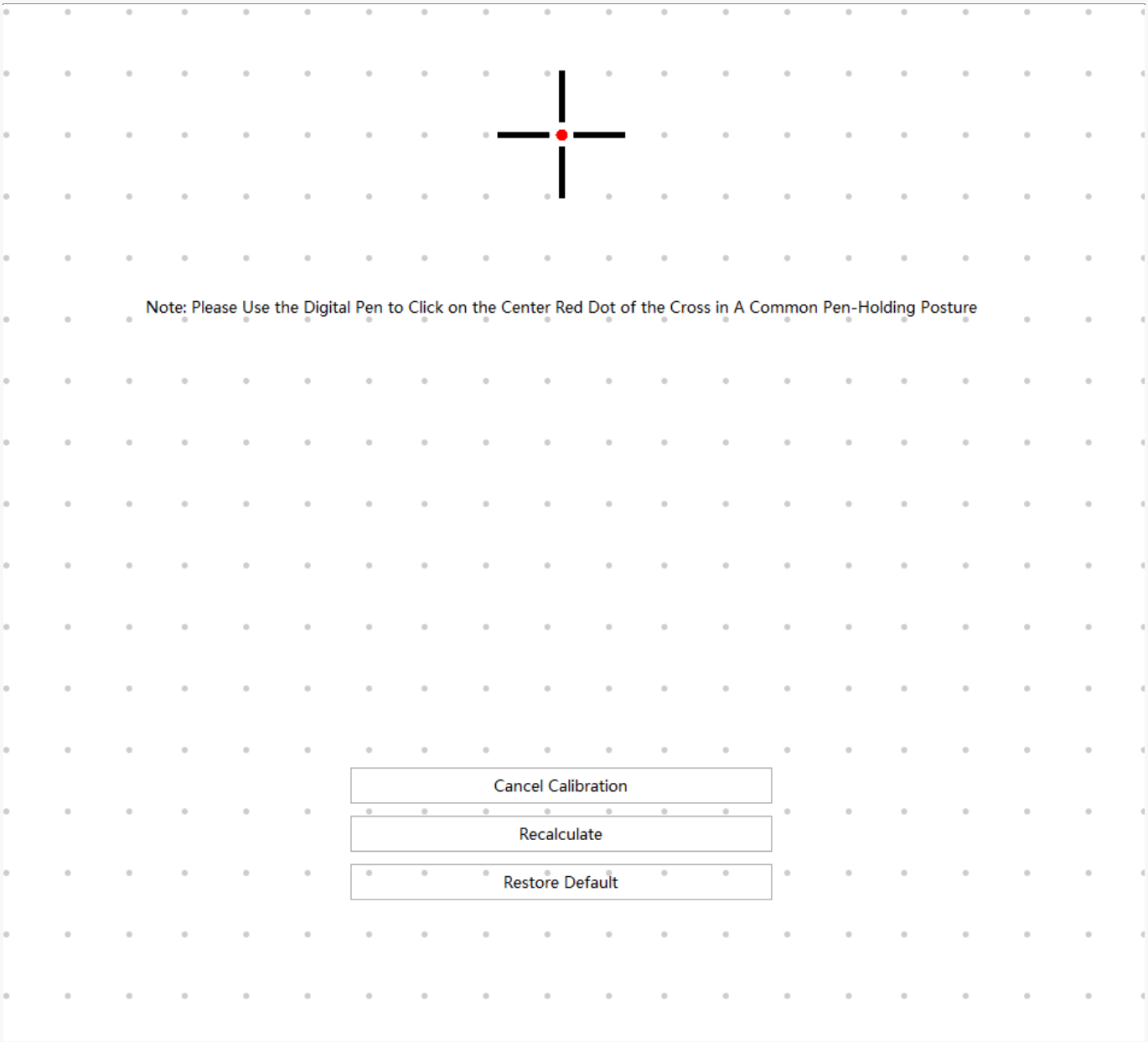


3. Calibrate Your Pen Display

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.

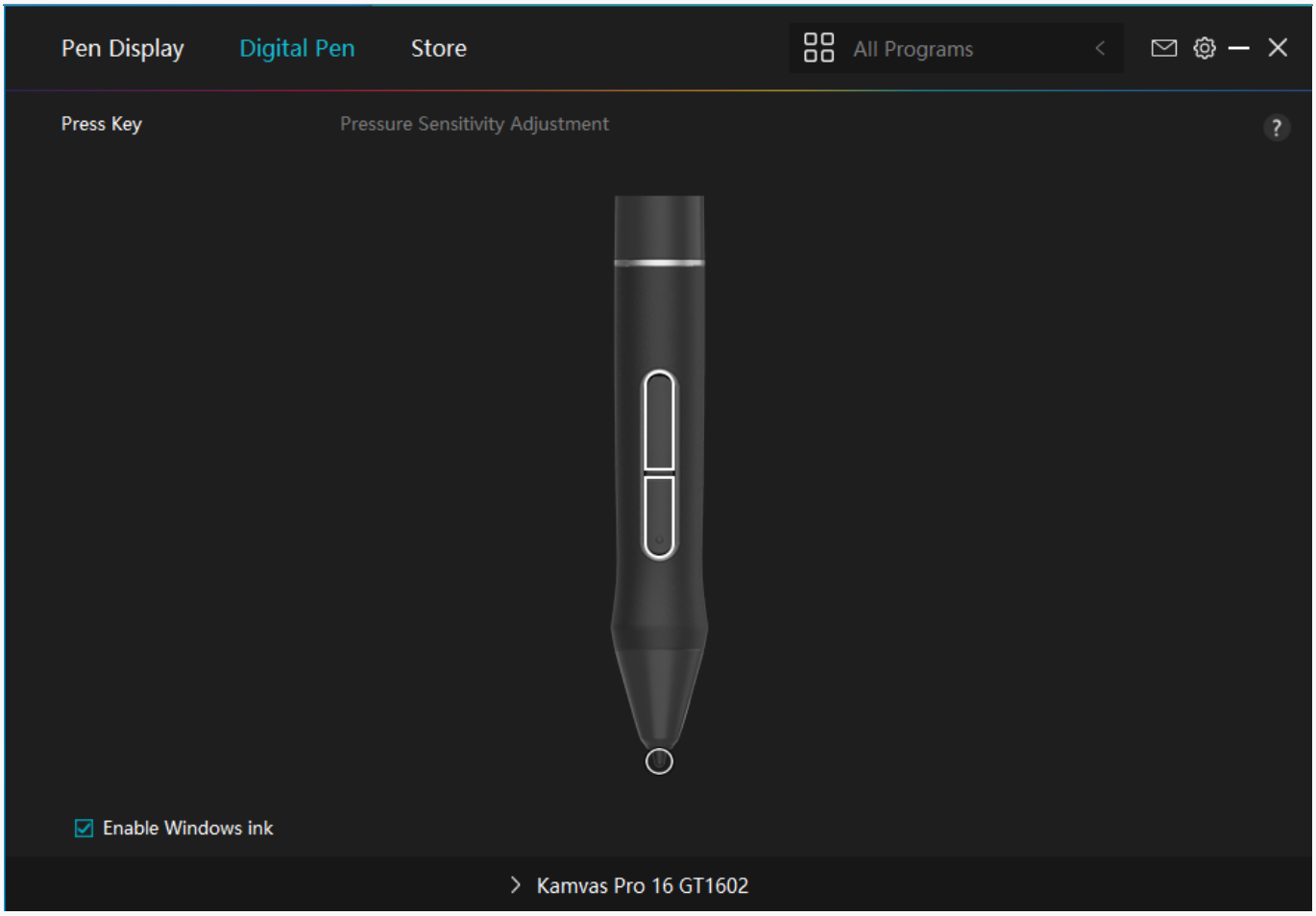


Digital Pen Setting

1. Press Key

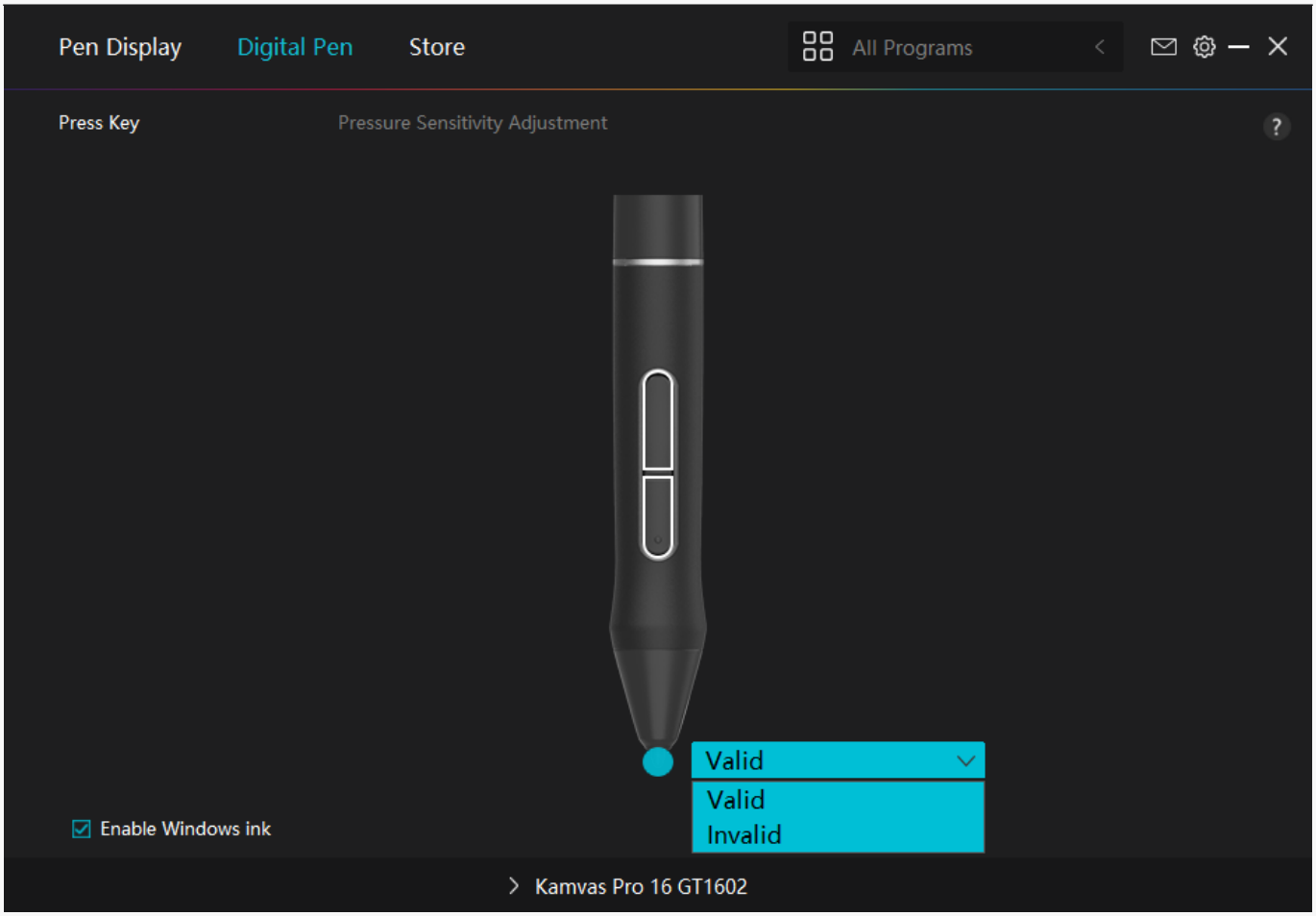
You can use this digital pen to interact with your device, including drawing, writing, moving files, or activating the functions of pen press keys.

The setting of the pen press keys is the same as the Press Key setting of the display. Please refer to it.
See Section.



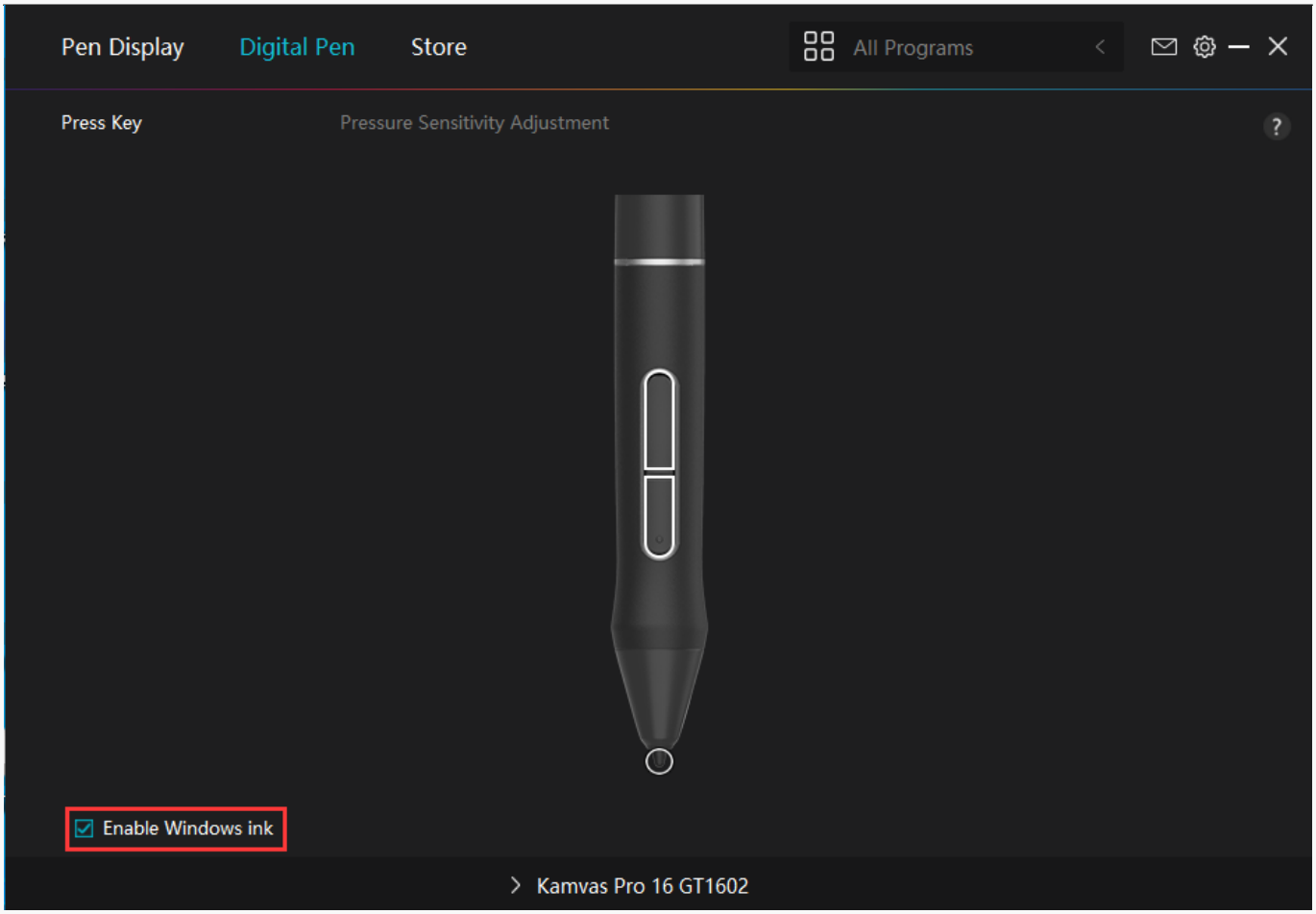
2. Pen Nib Activity

The pen nib of the digital pen can be set as Valid/Invalid according to users' needs. Click the drop-down button to set its activity. In Valid mode, the pen works well, and in Invalid mode, the pen has a cursor movement, but cannot complete specified actions.



3. Enable Windows ink

Microsoft Windows provides extensive support for pen input. Pen features are supported in such as Microsoft Office, Windows Whiteboard, Adobe Photoshop CC, SketchBook 6 and so on.



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. 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.

(2)You can change the slope of the pressure response curve.

(3)To determine how much pressure needs to be applied to the pen nib to reach the highest pressure sensitivity level.

*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.

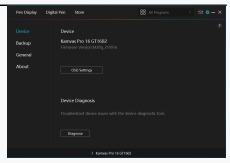
*A steep curve means a more sensitive response.



Driver Setting

1. Device

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



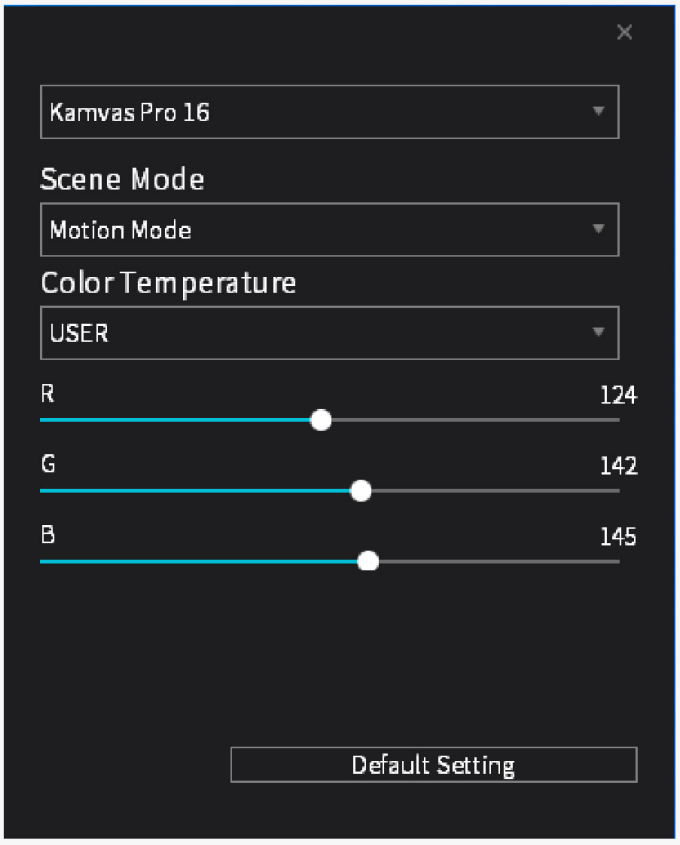
*OSD Settings

Scene Mode: “Standard Mode”, “Motion Mode”, “Movie Mode”, and “Gaming Mode” to be chosen.

Brightness: Users can drag the corresponding slider to adjust the brightness.

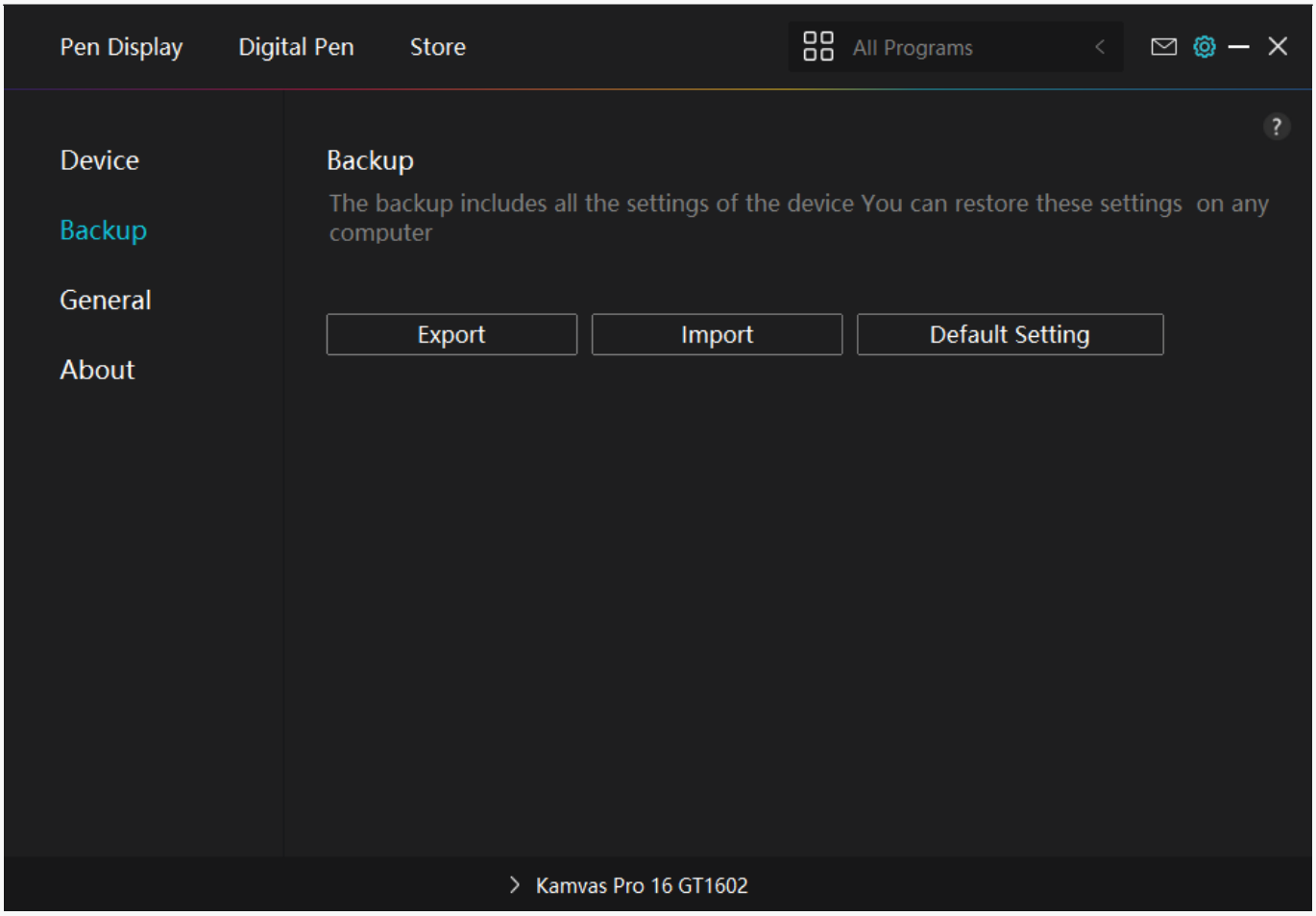
Contrast Ratio: Users can drag the corresponding slider to adjust the contrast ratio.

Color Temperature: “6500K”,“7500K”, “9300K”, “USER” mode to be chosen. In “USER” mode, users can change the color temperature by adjusting the RGB value.



2. Backup

The Driver can import and export your custom settings, which helps to avoid repeated settings when launching a different program.



3. General Setting

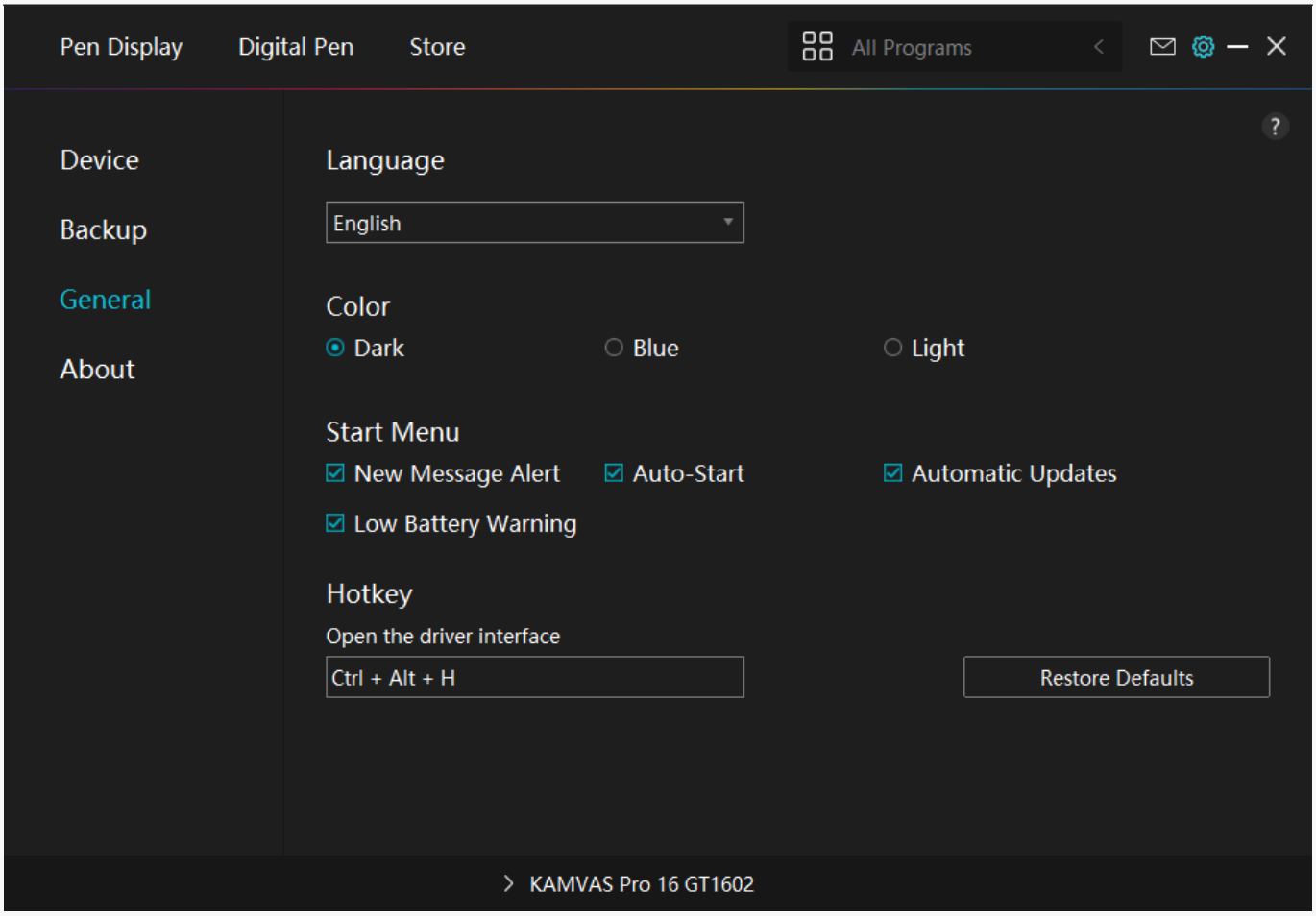
Language: Click the drop-down button to select a language.

Color: You can select the color of the Driver interface among Dark, Blue, and Light according

to your preference.

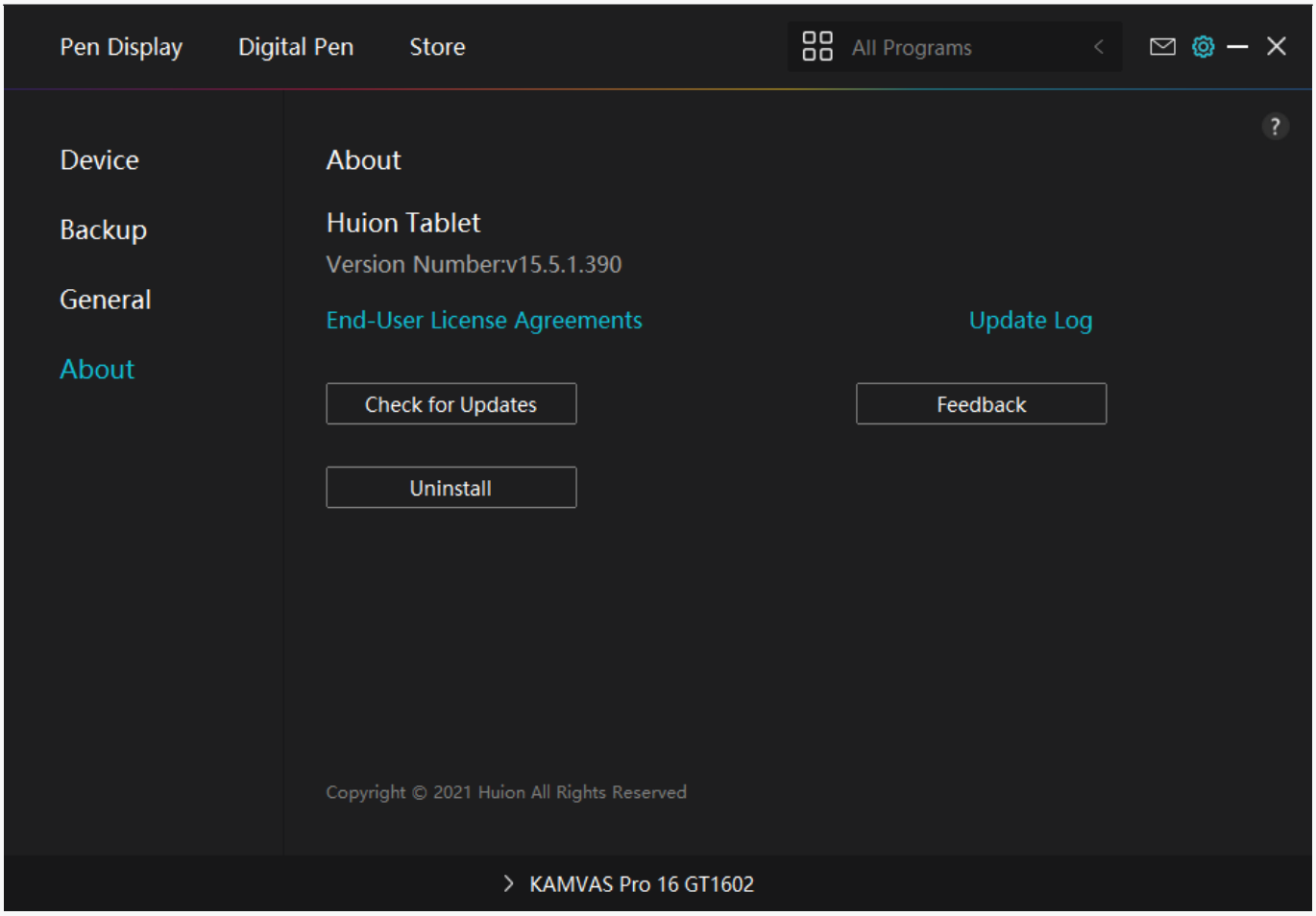
Start Menu: Click to enable or disable “Auto-Start”, “New Message Alert”, “Automatic Updates”, “Low Battery Warning”.

Hotkey: You can set a hotkey to call out the Driver interface quickly according to your usage habits.



4. About

Users can check the Driver version number here. Click Check for Updates to view the latest Driver version and then follow the prompts to update the Driver if needed.

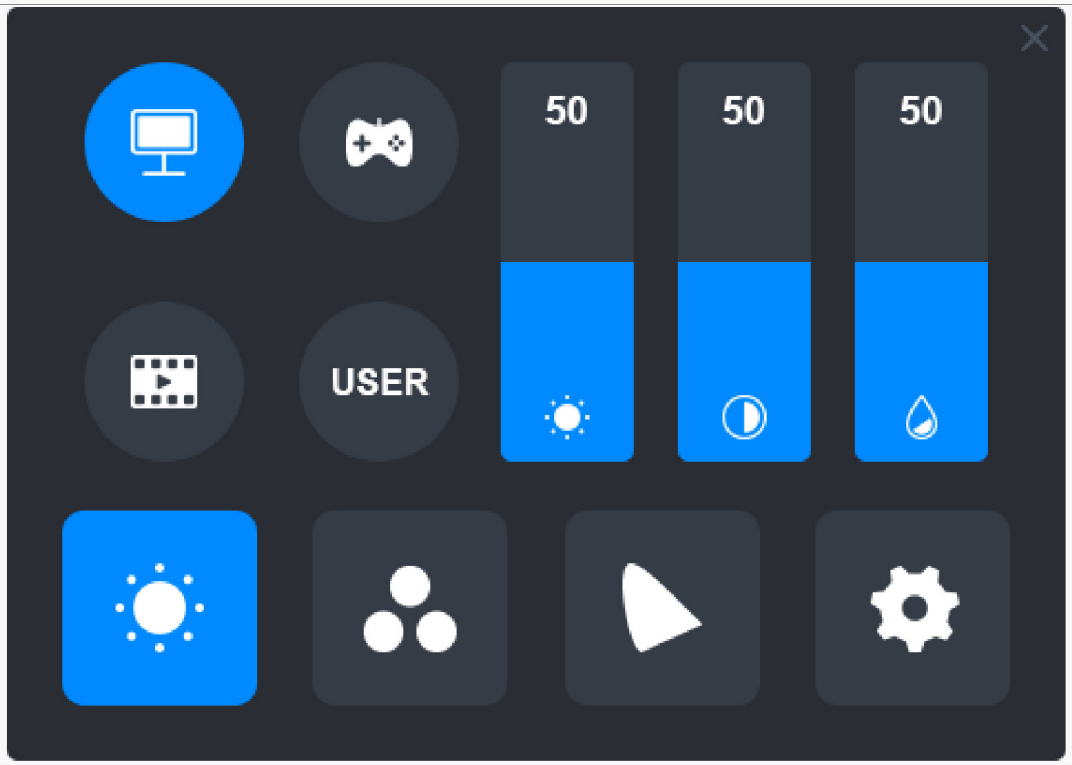


Pen-enabled OSD Menu

OSD settings on KAMVAS Pro 16(2.5K) can be done with the digital pen.
Long press the power switch button to call up the OSD menu, and then use the digital pen to adjust the settings. The user interface is designed in a minimalist way, where options including Brightness, Color Temperature, General Settings and Exit are reserved, while some functions seldom used are eliminated.

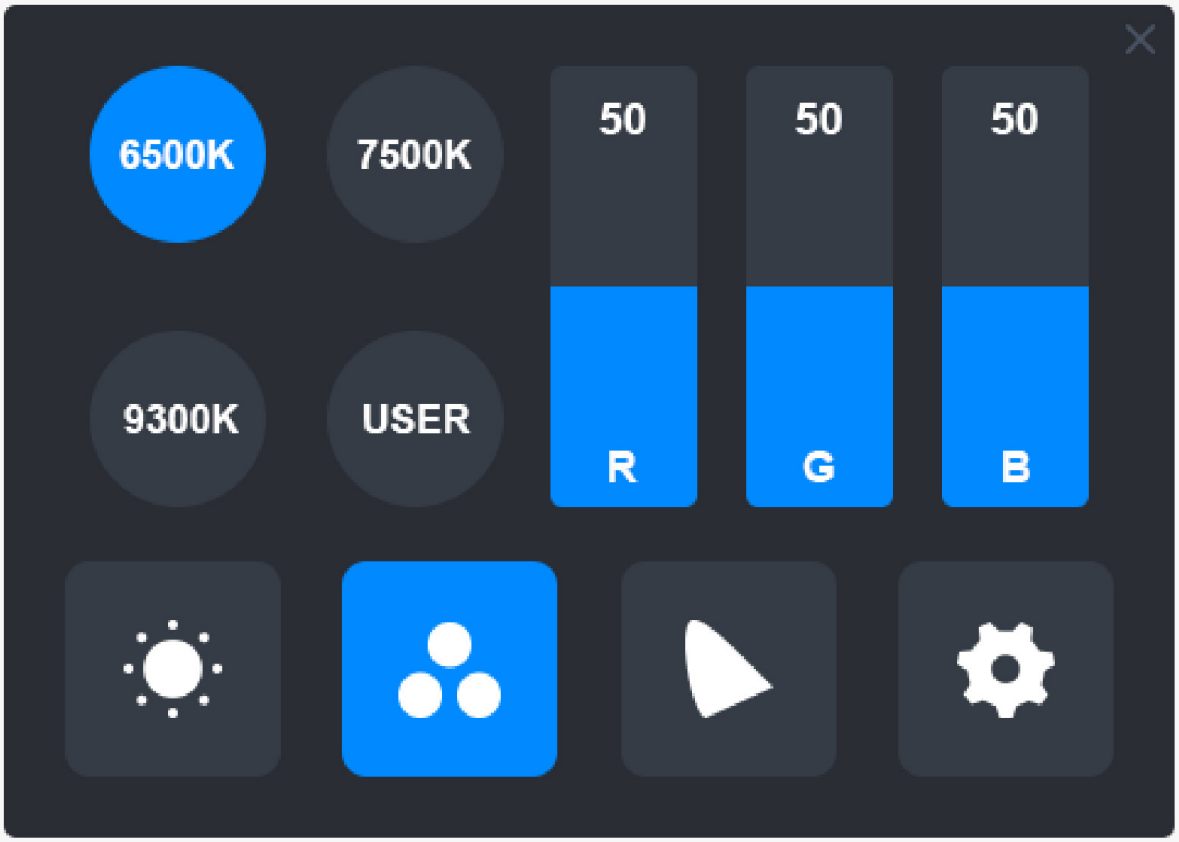
Brightness Settings

There are four modes to be chosen: "Standard Mode", "Game Mode", "Movie Mode" and "USER Mode". In "USER Mode", users can adjust the brightness by dragging the bar on the upper right.



Color Temperature Settings

There are four modes to be chosen: "6500K", "7500K","9300K" and "USER" . In "USER" mode, you can adjust the Color temperature by dragging the bar on the upper right.



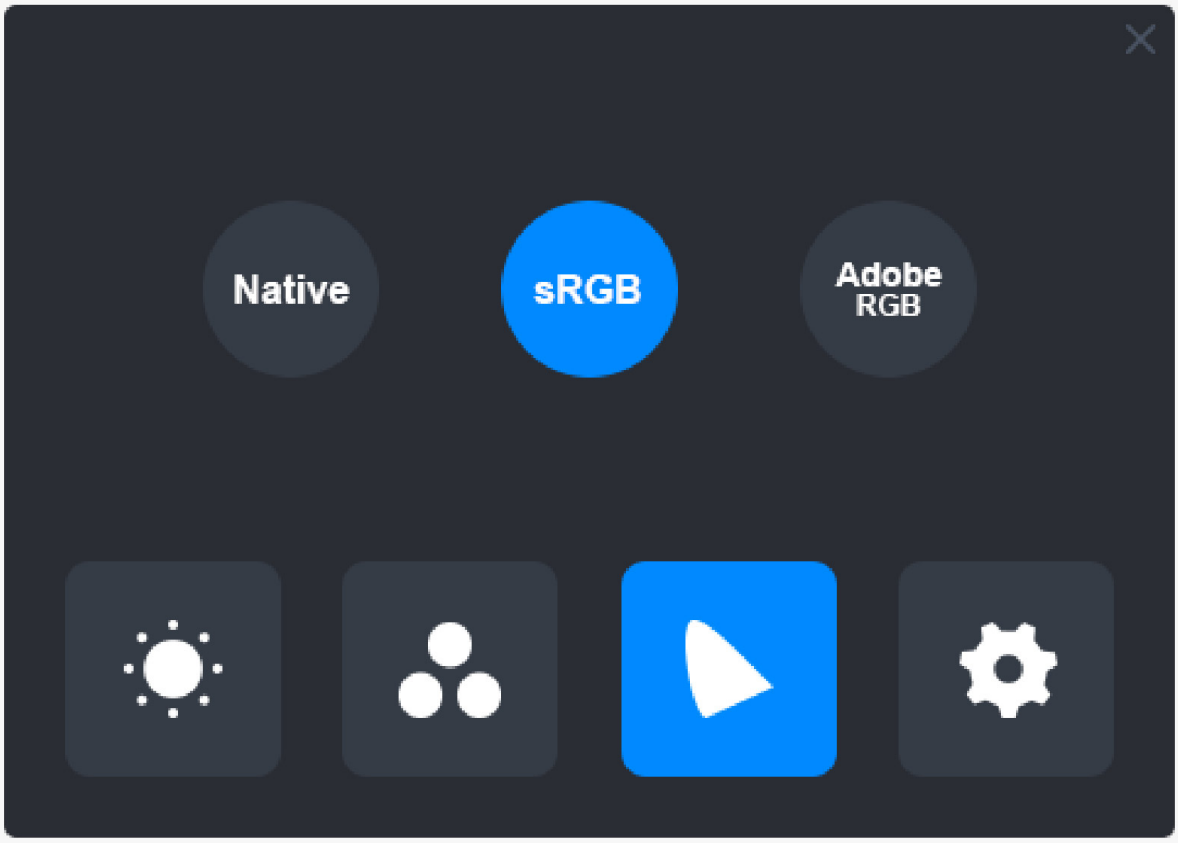
Color Gamut Settings

There are three options of color space for users to choose from: Native, sRGB, and Adobe RGB.

Native: 145% color coverage of sRGB

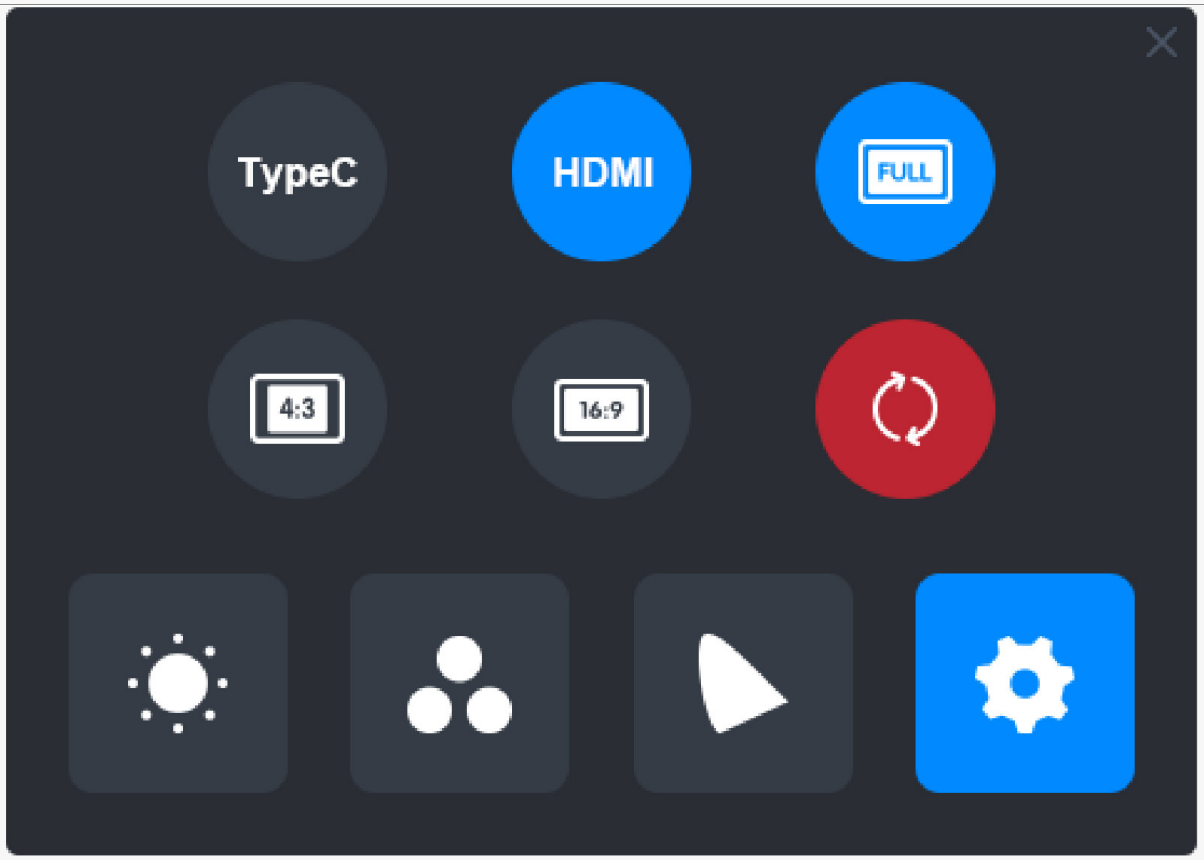
sRGB: 99% color coverage of sRGB

Adobe RGB: 99% color coverage of Adobe RGB



General Settings

①TypeC/HDMI: Display the way of signal connection .
②FULL: Switch the display ratio to FULL.
③4:3 : Switch the display ratio to 4:3.
④16:9 : Switch the display ratio to 16:9.
⑤Reset : All the setting options will be restored to the default settings.



How to Use the Digital Pen

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 place the pen on the table when it is not in use. Do not put the pen on the pen display, otherwise it may interfere with the function of the mouse and other devices, and it may also prevent your computer from entering sleep mode.

Cursor Movement:

Move the pen slightly above the working area of the display without touching the surface of the pen display, and the cursor on the screen will move to the new position accordingly. Use the digital pen to touch the screen with a certain amount of force, and then you can make a left-click.

Click:

Tap on the pen display with the pen to register a click. Press lightly to highlight or select an

item on the screen and double-click to open it.

Move:

Pick up a file or icon, then slide the pen nib across the display to move it.

Use the Pen Press Keys:

There are two press keys on the digital pen, whose functions can be programmed on the driver interface. The press keys on the pen will work as long as the vertical distance between the pen nib and the display is within 10mm.

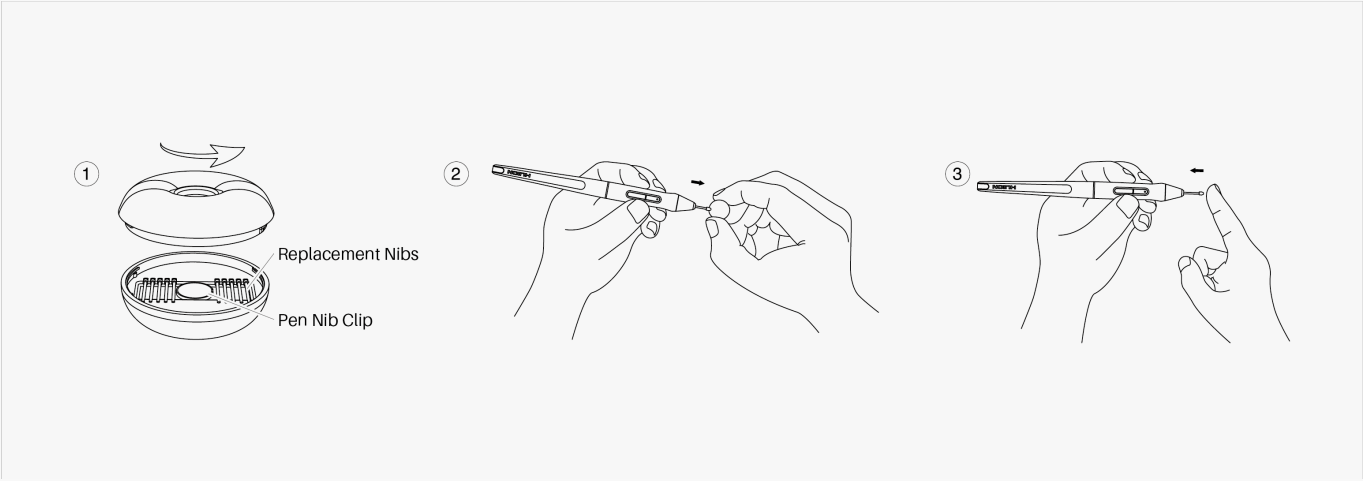
Replace the Pen Nib:

Tip: When the pen nib is badly worn, please replace it with a new pen nib timely.

1. Rotate the pen holder counterclockwise and take out a replacement nib.

2. Tilt the pen, and pull the nib out of the pen through a nib clip.

3. Insert the replacement nib straight into the barrel of the pen until the nib stops moving forward.



Product Specifications

Here are the product specifications to help you know more about the device. If you have any questions, please feel free to contact us.

The following data are for reference only.

Appearance

Color:	Silvery Frost

Dimension:	436.2 x 247.3 x 10~11.5mm
Workspace:	349.6 x 196.7mm
Net Weight:	1.28Kg
Stand:	ST200
Interface:	USB-C(Power), Full-Featured USB-C(HDMI and DP)

Screen

Resolution:	2560 x 1440(16:9) QHD
LCD Type:	IPS
AG Glass:	Anti-glare etched glass
Full Lamination:	YES
Contrast Ratio:	1200:1
Brightness:	220cd/m2
Response Time:	14ms
Viewing Angle: (Typ.)(CR > 10)	89°/89°(H)/89°/89°(V)
AGamut:	145% sRGB
Display Color:	16.7M(8bit)

Technical Specifications

Digital Pen:	PW517
Pen Technology:	Battery-Free Electromagnetic Resonance
Pen Resolution:	5080 LPI

Pressure Sensitivity:	8192 Levels
Tilt Support:	±60°
Sensing Height:	10mm
Report Rate:	> 300PPS
Accuracy:	±0.5mm

Operating Conditions

Input Voltage:	AC 100-240V, 50/60Hz
Output Voltage:	5V 3A
Power Consumption:	≤ 10W
Standby Consumption:	≤ 0.25W
Working Temp. and Humidity:	0-40°C, 20-80%
Storage Temp. and Humidity:	-20°C~60°C, 10-90%

OS Compatibility

Windows 7 or later
macOS 10.12 or later
Android (USB3.1 DP1.2 or later)

Troubleshooting Solutions

The pen display 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's suggested to restart your computer after finishing the installation.

The digital pen does not work

1. Make sure you are using the pen that originally came with your display.

2. Make sure you installed the driver correctly.

The press key does not work

1. Please check that the press key function is enabled in the driver;

2. Make sure you have correctly defined the press key.

The computer cannot enter sleep 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 if the pen nib touches the working area of the display, or when the vertical distance between the pen nib and the display is over 10mm.

The computer cannot recognize the pen display

Please check whether the USB port functions well. If not, please try another USB port.

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