



# USER MANUAL

————— KT16



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## Precautions

1. Please read this manual carefully before using, and keep it well for future reference.
2. Before cleaning the display please unplug the USB cable and wipe with a soft damp cloth, do not use any kind of detergents.
3. Please don't place the display near water sources such as bathtub, washbasin, sinks, washing machine, damp basement, swimming pool, etc.
4. Do not place the display on where is unstable or a height for children reaching easily in order to avoid danger.
5. Do not place the display and digital pen close to the magnetic field.
6. The grooves and holes on the back case is designed for ventilation to prevent the monitor from overheating. Please don't place the display on beds, sofas, carpets or in embedded device.
7. Only power supplies shown on the nameplate can be used for the display. If you have questions about the power supply which you are using, please consult the distributor of your display.
8. To protect your display, please switch off the power when it is not in use. During blackouts or not using for long time, please unplug the display from the socket.
9. Don't overload the socket or lengthen the power wire, which may lead to electric shocks.
10. Make sure no foreign bodies get inside the monitor through grooves and prevent liquid from splashing on the display as to prevent short-circuit or fire.
11. If the display has a breakdown, do not open the main case and try to repair it by yourself. Please ask for a service for proper repair and maintenance.
12. When the following situations occur, please unplug the power adapter and you may need a service for full repair and maintenance:
  - A. The power wire or plug is damaged or worn out;
  - B. There is liquid splashed inside of the display;
  - C. The display has fallen or the LCD is broken;
  - D. When obvious abnormalities occur to the display.
13. While getting the components replaced, you are supposed to guarantee that the repairman is using the substitute components specified by the manufacturer. Unauthorized component replacement might cause fire, electric shocks or other dangers.

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## Contents

1. Product Overview.....	3
1.1 Display Introduction.....	3
1.2 Product and Accessories.....	3
1.3 Setting up Display .....	5
1.4 Installing the Driver .....	5
1.5 Pen Nib Replacement.....	5
2. Product Basic Operation.....	6
2.1 OSD Setting.....	6
3. Function Setting .....	7
3.1 Device Connection Prompt.....	7
3.2 Working Area Setting.....	7
3.3 Press Keys Function Setting.....	9
3.4 Pen Button Setting.....	10
3.5 Pressure Sensitivity Setting.....	10
3.6 Pen Pressure Testing.....	11
3.7 Enable the Windows Ink feature.....	11
3.8 Calibration.....	12
3.9 Data Export and Import.....	12
4. Specifications.....	14
5. Trouble Shooting.....	14
5.1 Possible Breakdowns Related to DISPLAY .....	14
5.2 Possible Breakdowns Related to FUNCTIONS.....	15

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## 1. Product Overview

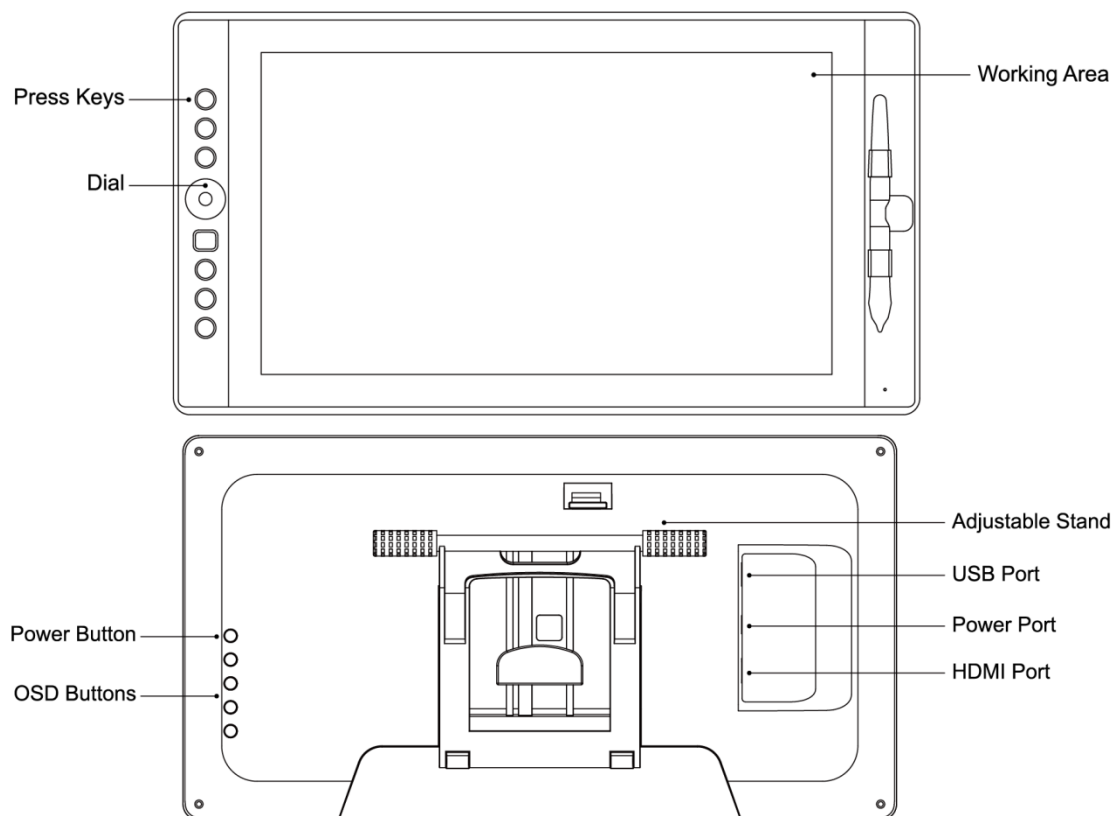
### 1.1 Display Introduction

Thanks for choosing KenTing® KT16 Pen display. This is a new generation of portable desktop-level professional drawing display, which can greatly improve your work efficiency of painting and creation, and full of fun. You can freely painting and writing, depicting different lines and colors, just as the pen writes on the paper, which brings you a real shock experience.

To give you a better understanding and using of your KAMVAS display, please read this user manual carefully. The user manual only shows the information under Windows, unless otherwise specified, this information applies to both Windows and Macintosh systems.

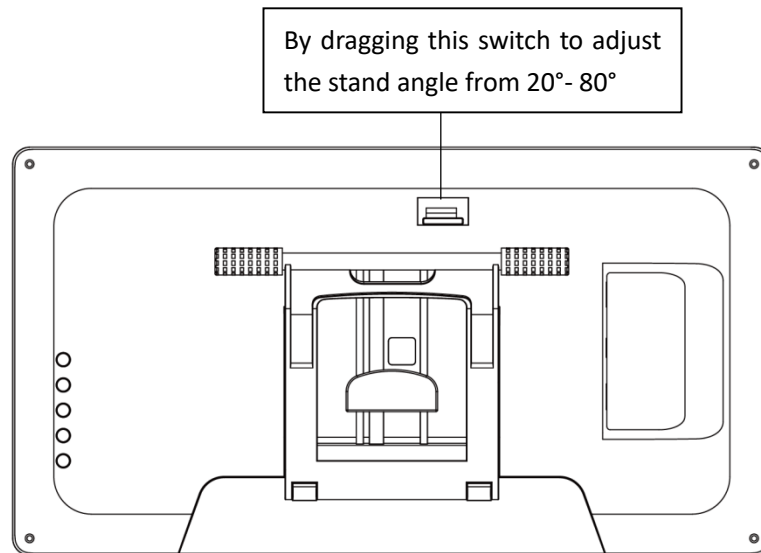
### 1.2 Product and Accessories

#### 1.2.1 Display Overview

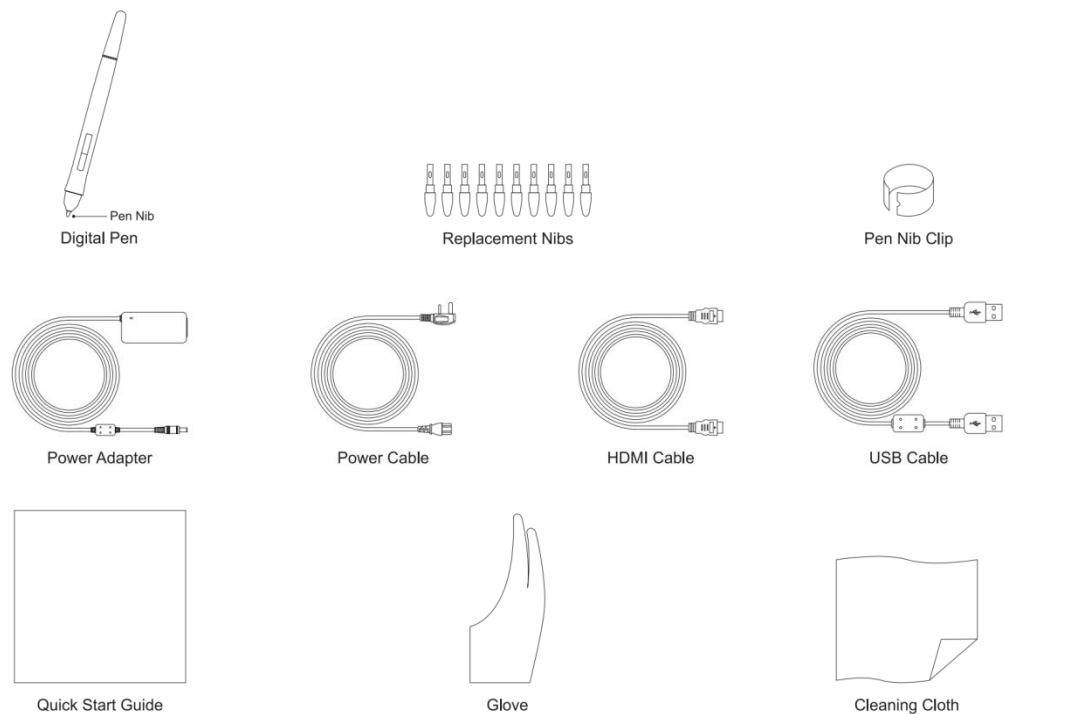


## 1.2.2 Adjustable Stand

We designed this ergonomic adjustable stand specially for your display, you can adjust the angle of the display according to your usage habit, and make you feel more comfortable when painting and creating.



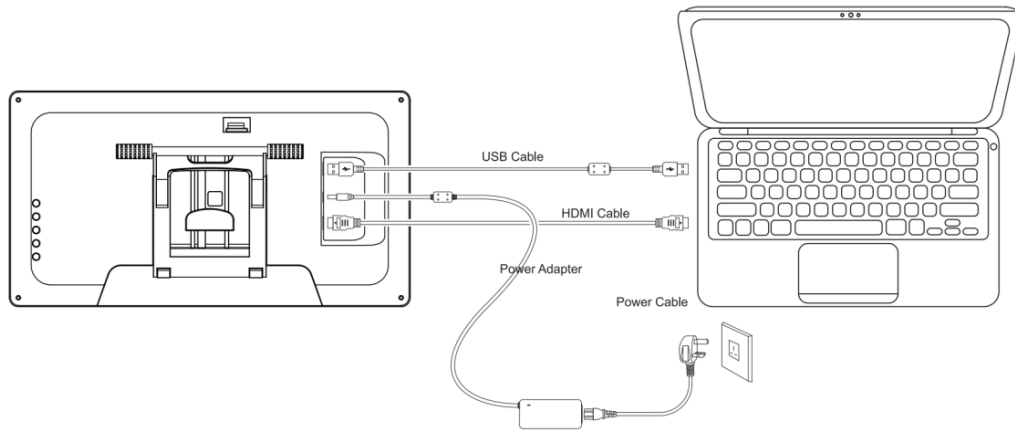
## 1.2.3 Accessories



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## 1.3 Setting up Display

1. As shown on the below, connect the pen display to your computer with attached power adapter, HDMI cable and USB Cable.
2. Press the power button on the bottom of the display to power on the display



## 1.4 Installing the Driver

### 1.4.1 OS Support

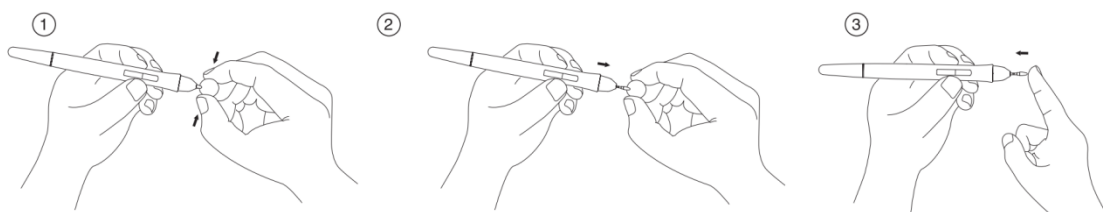
Windows 7 or later, macOS 10.12 or later

### 1.4.2 Install Driver

1. Before installing the driver, please close all graphic software and antivirus programs.
2. If you have installed other tablet driver, please uninstall it before you install this driver.
3. Please make sure your computer OS are as following: Windows 7 or later, macOS 10.08 or later.
4. Please download the pen tablet driver and user manual from our website: [www.kentingtablet.com](http://www.kentingtablet.com)
5. Run the tablet driver program and complete the installation according to the instruction.
6. For more information, please refer to the electronic user manual. If you have any questions, please email us: [service@kentingtablet.com](mailto:service@kentingtablet.com)

## 1.5 Pen Nib Replacement

The nib will be wear out after using for a long time, then you need to replace a new nib.

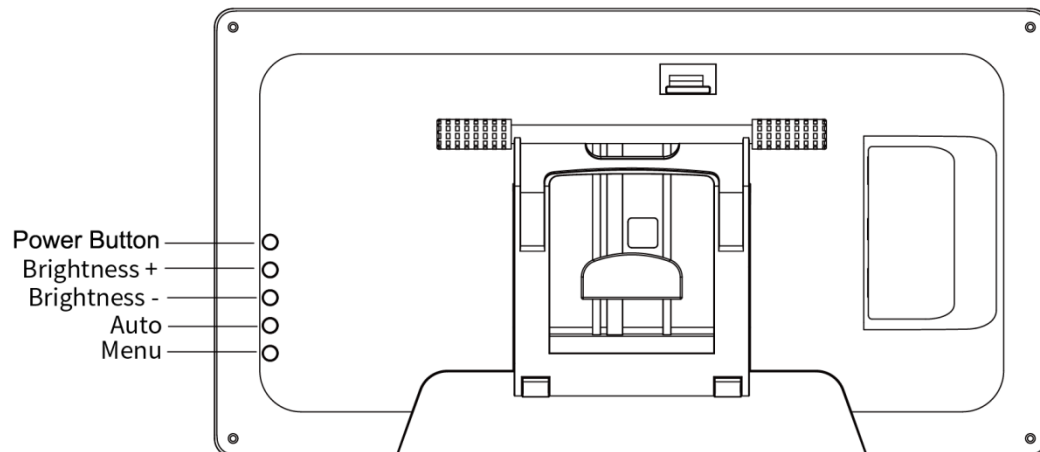


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## 2. Product Basic Operation

### 2.1 OSD Setting

#### 2.2.1 OSD Buttons



**POWER** : Power on/off the display.

**MENU** : Press to call up the menu, after entering menu, it' s function is confirm.

**+** : After entering menu, it' s function is to up/right/increase.

**-** : After entering menu, it' s function is to down/left/decrease.

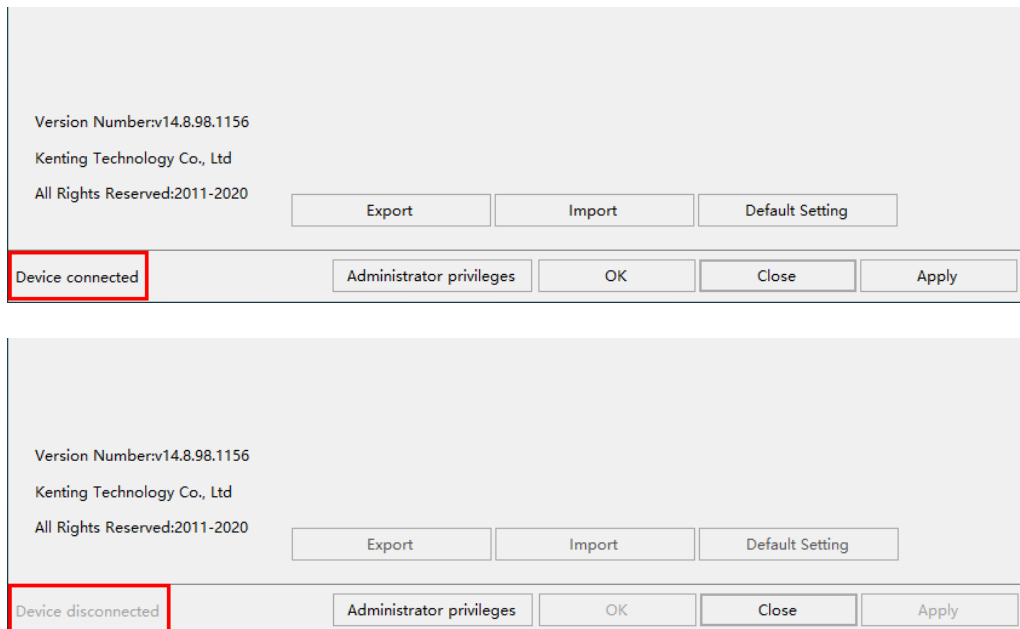
**AUTO** : Before entering menu, it' s function is auto adjustment. After entering menu, it' s function is back to previous menu.

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## 3. Function Setting

### 3.1 Device Connection Prompt

1. Device disconnected: The display has not been recognized by your computer successfully yet.
2. Device connected: has been recognized by your computer successfully already.



### 3.2 Working Area Setting

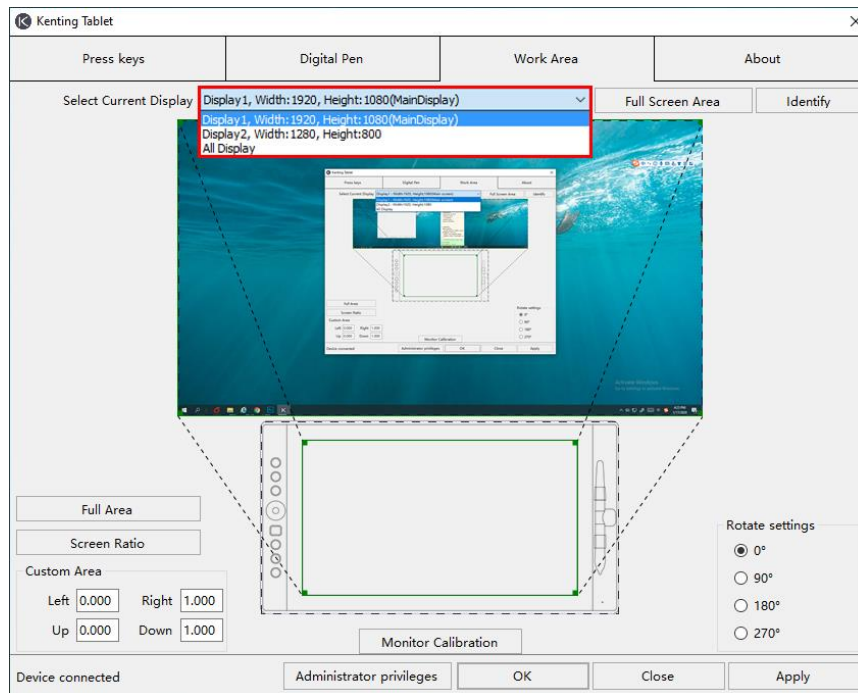
#### 3.2.1 Using Multiple Monitors

When the KenTing Display and other monitors are used in the same system, the movement of the screen cursor on the standard display depends on the system configuration.

If the secondary display is a mirrored mode connection, this display and another monitor will display exactly the same image and screen cursor movement.

If you are in the extended display mode, you need to set the display on the driver that which portion of the display screen your display will map to.

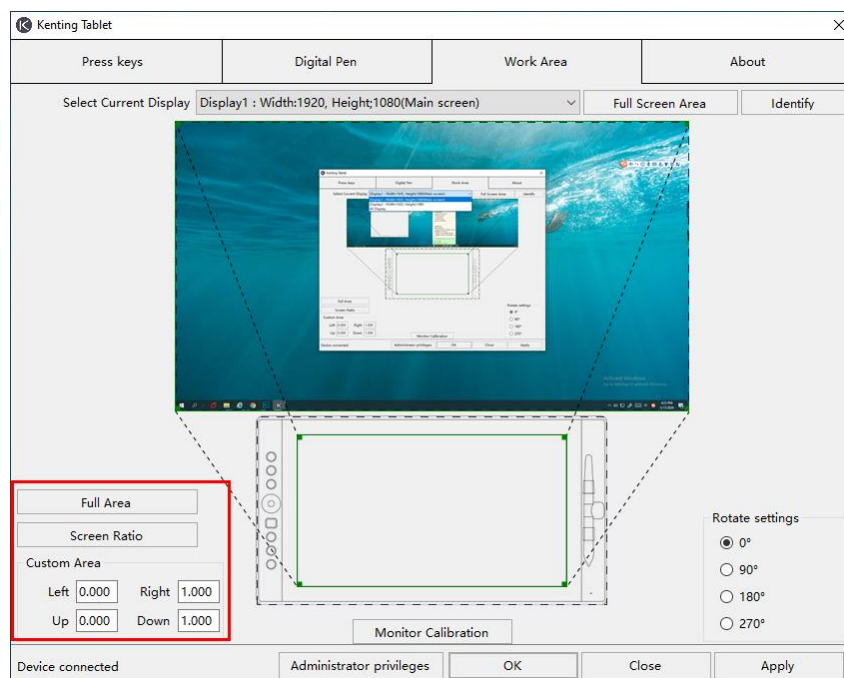




### 3.2.2 Working Area Setting

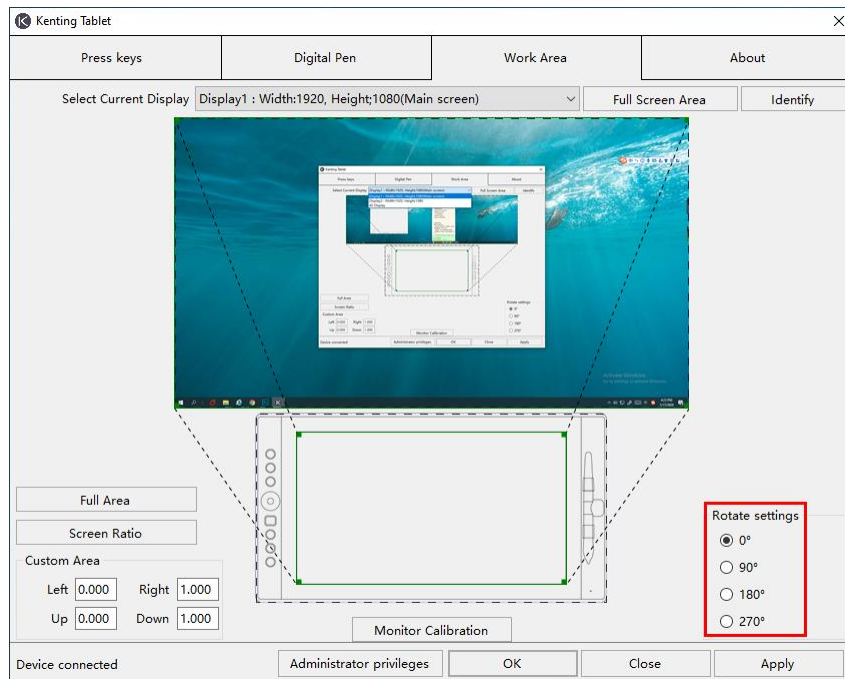
Define the display area that will be mapped to the screen area.

1. Full Area: the entire active area of the Display. This is the default setting.
2. Same Ratio with LCD.
3. Customized Area: 1.> Enter coordinate values. Or 2>. Drag the corners of the foreground graphic to select the screen area.



### 3.2.3 Rotate Working Area

By changing the direction of the display to adapt to the left and right hand operation. We provide four directions of choice.

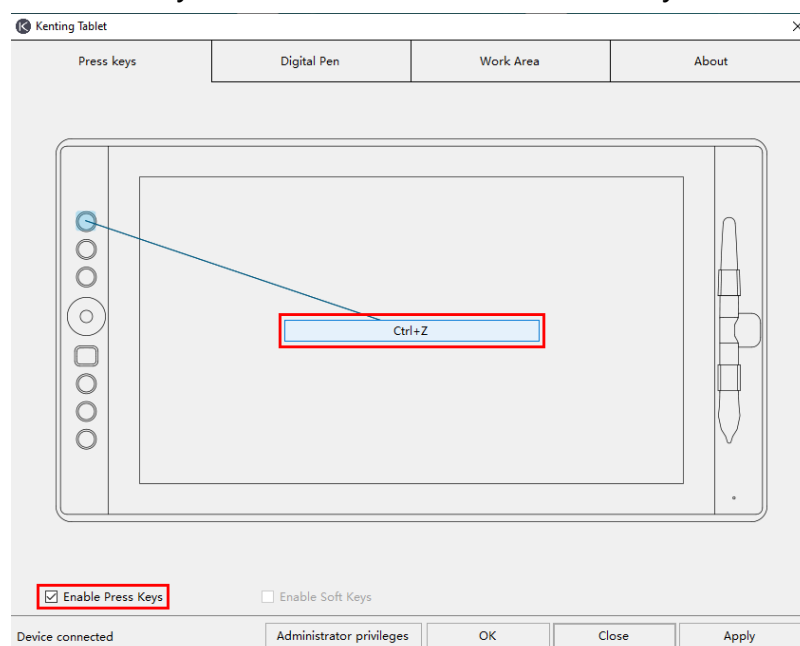


### 3.3 Press Keys Function Setting

default Setting: Place the cursor on the button or click the button icon to see the default values for the press keys

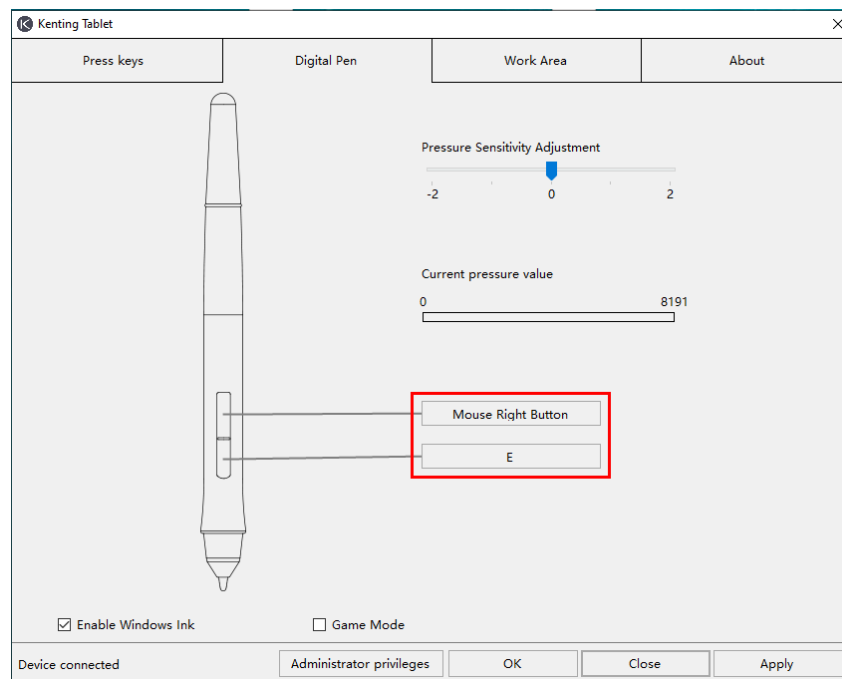
Customizable Press Keys: Select the function to be achieved on the pop-up dialog box, then click APPLY or OK to take effect.

Enable/Disable Press Key: Check/Uncheck "Enable Press key"



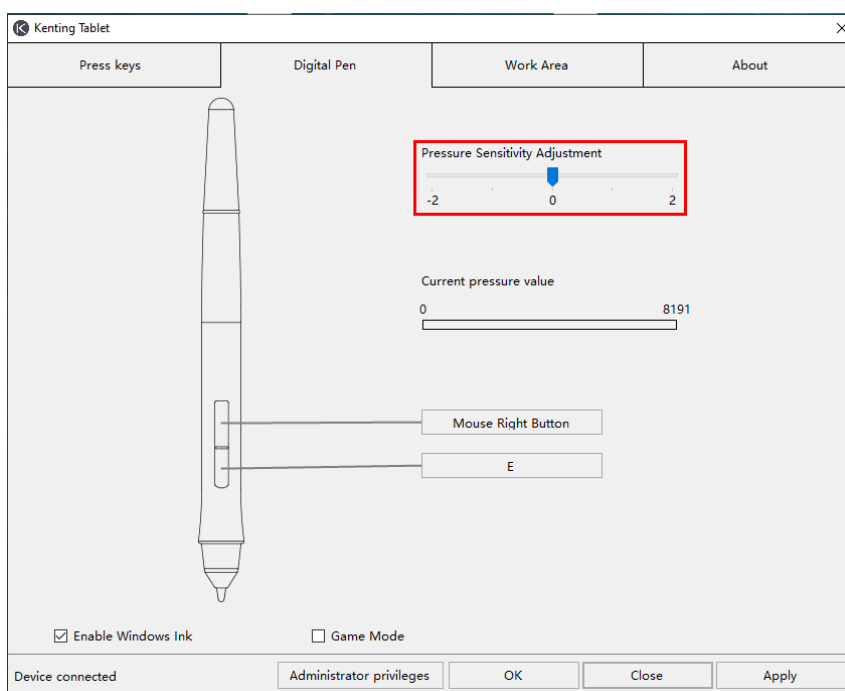
### 3.4 Pen Button Setting

Select the function to be achieved on the pop-up dialog box, then click APPLY or OK to take effect.



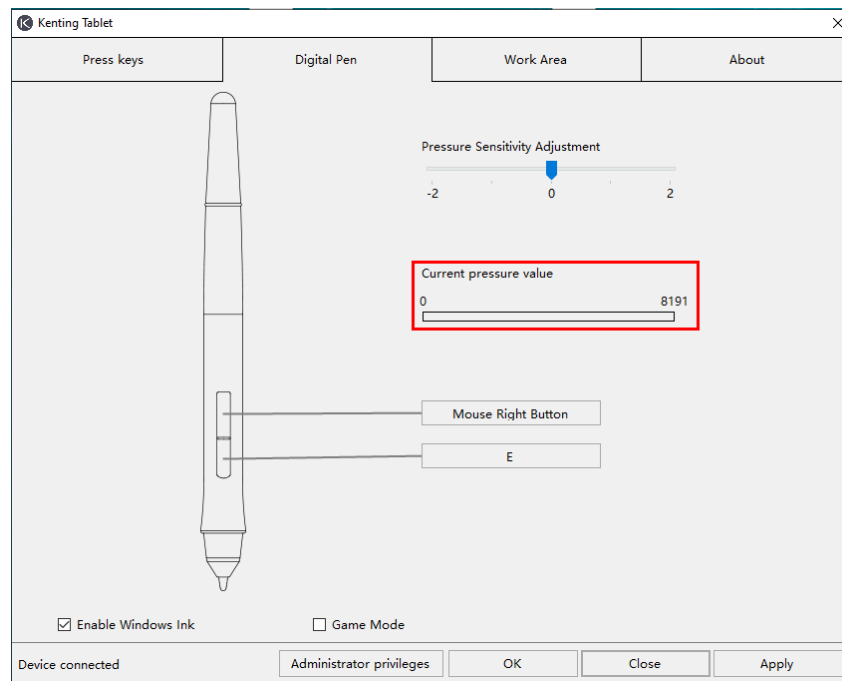
### 3.5 Pressure Sensitivity Setting

The pressure sensitivity will be changed by dragging the slider up and down, the smaller the value, the more sensitive the pressure.



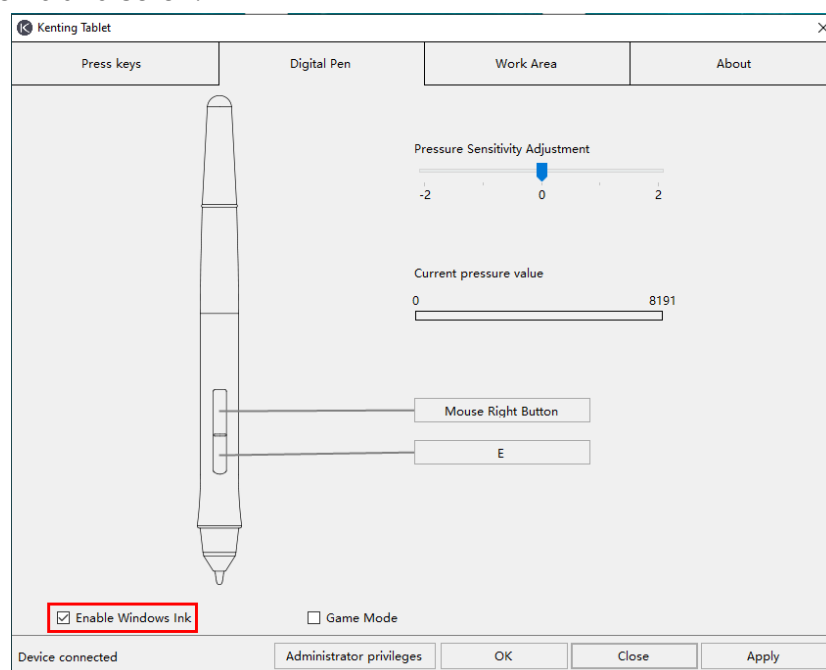
### 3.6 Pen Pressure Testing

You can gradually apply pressure to the stylus on the screen to test the pressure level.



### 3.7 Enable the Windows Ink feature

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

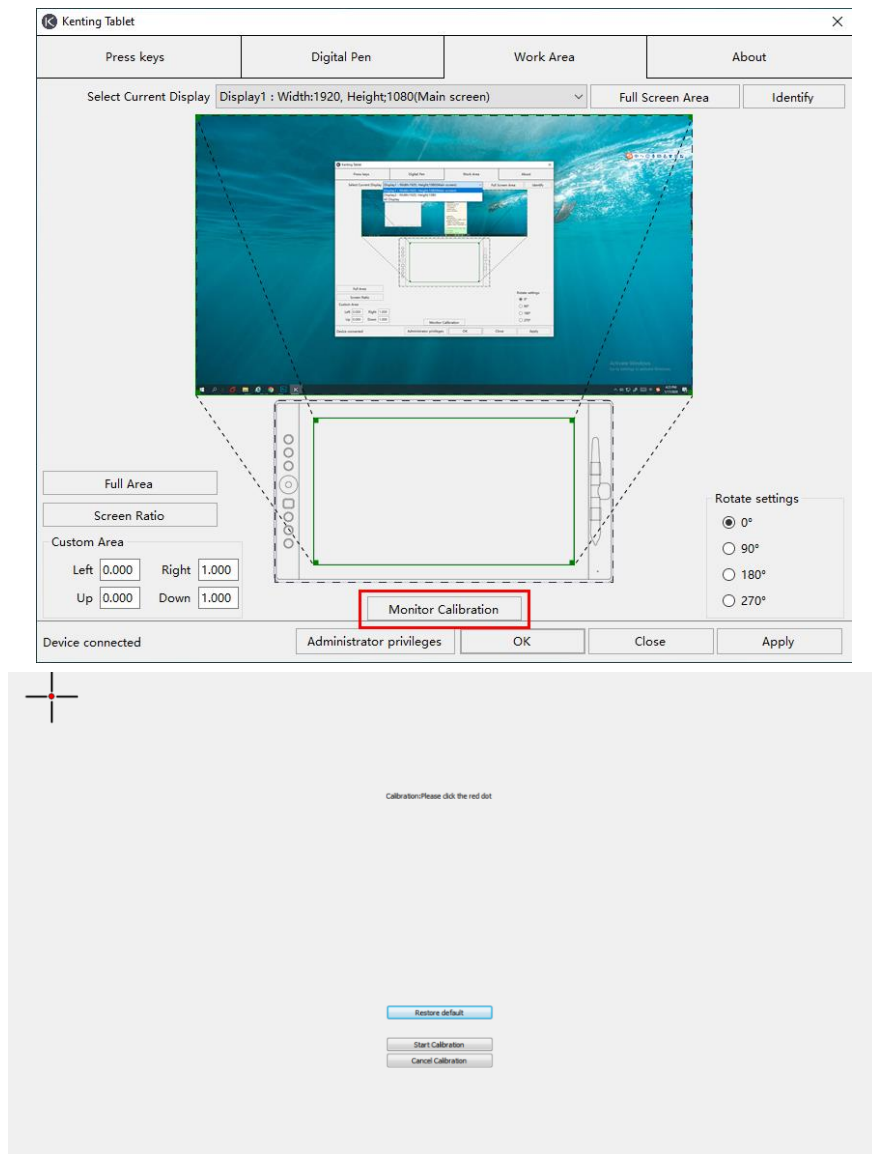


### 3.8 Calibration

Screen Calibration: Click the red point of the cross center appearing on the screen to complete the calibration.

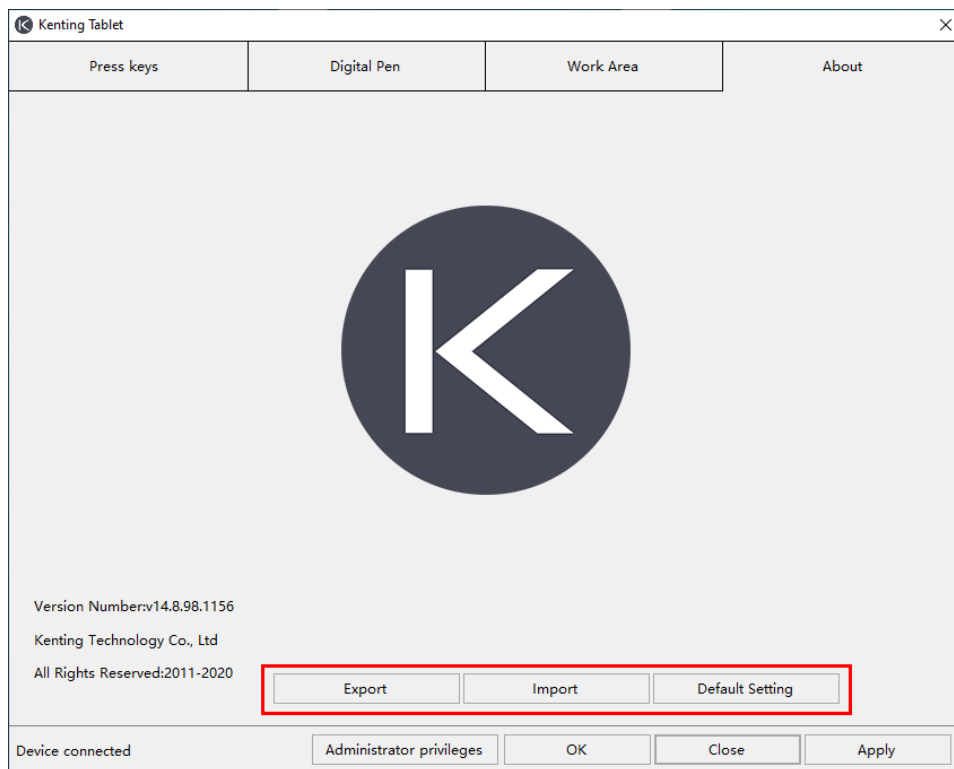
Restore Factory Settings: Click "Restore Default" to restore to the factory settings.

Cancel Calibration: Click "Cancel calibration" or press ESC on the keyboard to cancel the calibration.



### 3.9 Data Export and Import

The driver supports exporting and importing your customized configuration data of the product, which is convenient for you to use different software and avoid the trouble of repeated settings.



## 4. Specifications

Model		KT16
Screen	Panel Size	15.6 inch
	Resolution	1920 x 1080(16:9)
	LCD Type	TFT LCD IPS
	Active Area	344.16 (H)x193.59 (V) mm
	Brightness	250cd/m <sup>2</sup>
	Response Time	25ms
	View Angle	89°/89°(H)/89°/89°(V) (Typ.)(CR > 10)
	Gamut	92% NTSC (CIE1973)
	Display Color	262144
Touch	Touch Type	Electromagnetic Resonance
	Resolution	5080LPI
	Pressure Level	8192
	Accuracy	±0.5mm (Center) ,±1mm (Corner)
	Sensing Height	10mm
	Report Rate	266PPS
Pen	Model	Z7
	Pressure	8192 Levels
	Accuracy	±0.3mm
	Buttons	Two Customized Press Keys
	Press Keys	7 Customized Press Keys
	Working Power Consumption	18W
	Output Voltage	DC12V
	Video Interface	HDMI
	Adjustable Stand	20°-80°
	OS Support	Windows 7 or later, macOS 10.11 or later

## 5. Trouble Shooting

### 5.1 Possible Breakdowns Related to DISPLAY

Abnormal Phenomena	Possible Solutions
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Power indicator does not flash	*Make sure power is on      *Check the socket and power cable
No display on the screen	<ol style="list-style-type: none"> <li>1. Make sure power is on.</li> <li>2. Correctly connect the cable.</li> <li>3. If you connect the display with a laptop, please make sure the display is on the right display mode: extend or duplicate mode.</li> <li>4. Check whether the side indicator shows green, if not, it means no signal in. Please reboot your computer or reconnect the cable.</li> <li>5. Is the signal wire broken or bent? If so, please replace the signal wire.</li> </ol>
Images are blurred	Please set the display resolution with 1920 x 1080.
Lack of colors	Check the pins of the signal wire are not bent or fractured.
There is chromatic aberration	As the regional color temperature is different, so minor chromatic aberration is a normal phenomenon.
Images jitter or ripple images appear	It is likely that there is electric equipment nearby that brings about electronic interference.

## 5.2 Possible Breakdowns Related to FUNCTIONS

Abnormal Phenomena	Possible Solutions
Pen doesn't work and no pressure in the graphics software	<ol style="list-style-type: none"> <li>1. If the driver is damaged or is not properly installed, please uninstall the driver and reinstall it.</li> <li>2. Try restarting your computer.</li> <li>3. Try re-inserting the USB cable.</li> </ol>
Cursor movement is abnormal	Try re-inserting the USB cable or restarting your computer.
The side button of the pen doesn't work	When pressing the side button, please make sure that the nib didn't touch the glass surface and the distance between the nib and surface is within 10mm
There is a deviation between the tip and the cursor	Try calibration