

User Manual

For Windows and Macintosh OS

Artisul LCD Sketch-Pad | Model: D16 Pro



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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1. Product Overview

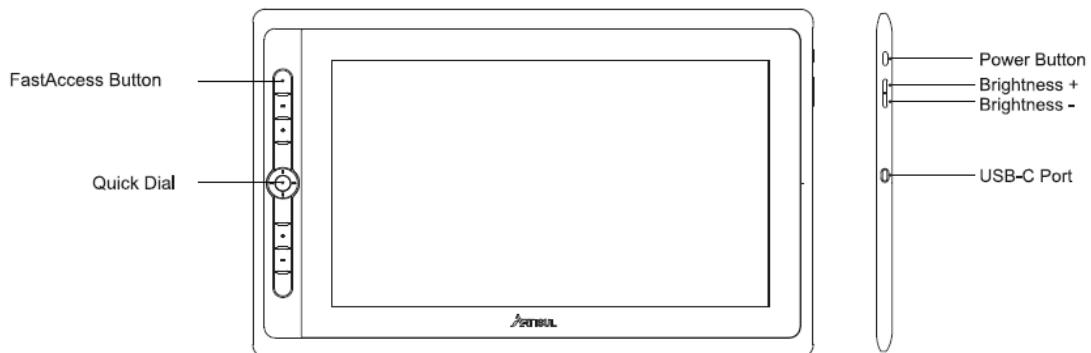
1.1 Display Introduction

Thanks for choosing Artisul® D16 Pro LCD sketch-pad. 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 sketch-pad, 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.

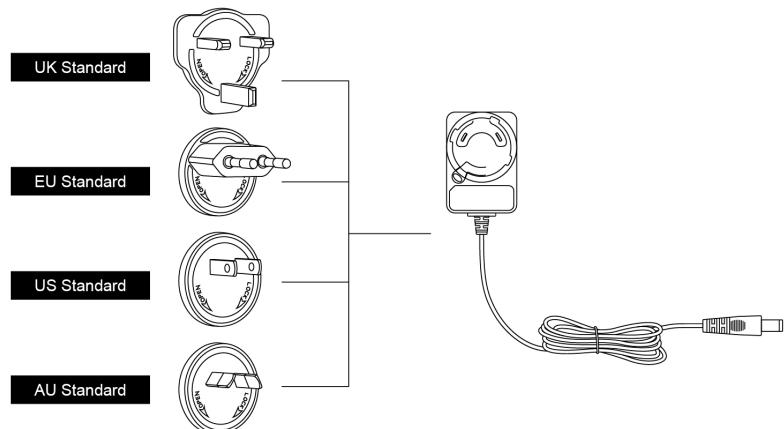
1.2 Product and Accessories

1.2.1 Product Overview

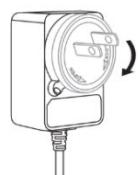
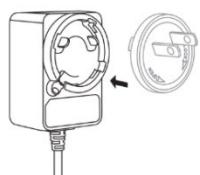


1.2.2 Power Adapter

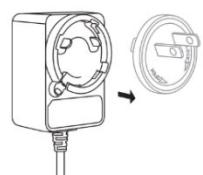
Please choose the right plug according to your country or region, and assemble it to the power adapter. (It may not come with all the plugs)



Assemble

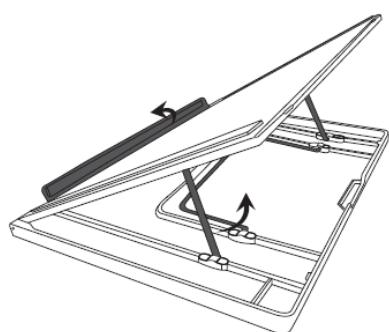


Disassemble



1.2.3 Display Stand (Optional)

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



1.2.4 Other Accessories



Stylus Pen



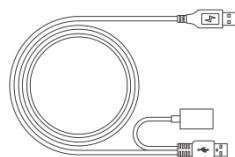
Pen Bag



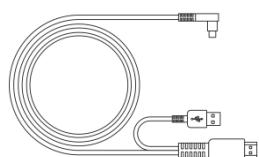
Pen Nibs



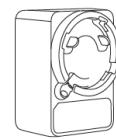
Pen Nib Clip



USB Y-Cable



2 in 1 Cable



AC Adapter



Cleaning Cloth



Glove



Stand (Optional)

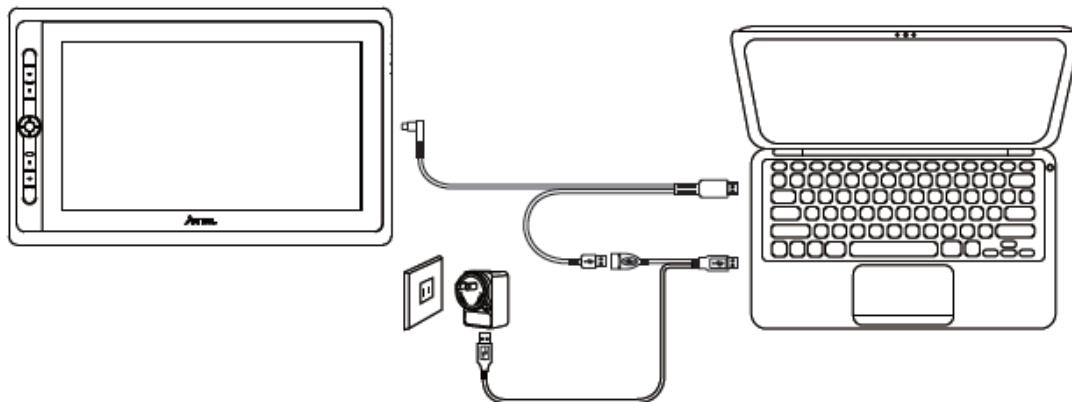


Quick Start Guide

1.3 Setting up Display

1. Open up the stand, and then put the display on the stand..
2. Connect the display to your computer with 2-in-1 cable.
3. Connect the power adapter to the power cable.

4. Press the power button to power on the display.



1.4 Driver Installation

1.4.1 OS Support

Windows 7 or later, Mac OS 10.12 or later

1.4.2 Install via Download

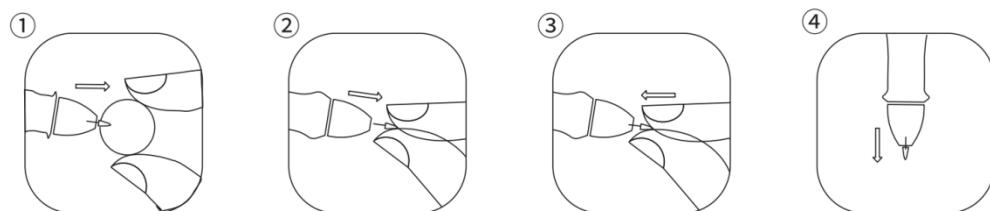
Please download the driver from our website: www.artisul.com/downloads

Notice:

1. Before installing, you need to uninstall other driver of similar products, including the old driver of this product.
2. Before installing, please close all graphics software and anti-virus software to avoid unnecessary mistake.
3. Before installing, you need to connect your Artisul product to the computer.

1.5 Pen Nib Replacement

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

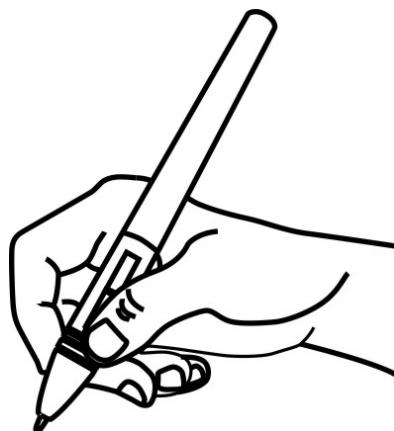


2. Product Basic Operation

2.1 Using the Pen

2.1.1 Hold the pen

Hold the pen as you hold a normal pen or pencil. Adjust your grip so that you can toggle the side switch easily with your thumb or forefinger. Be careful not to accidentally press the switch while drawing or positioning with the pen.

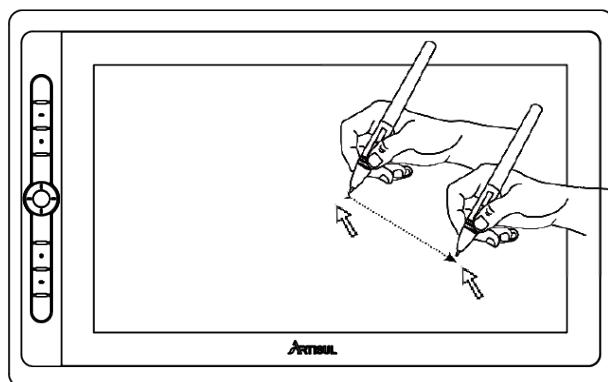


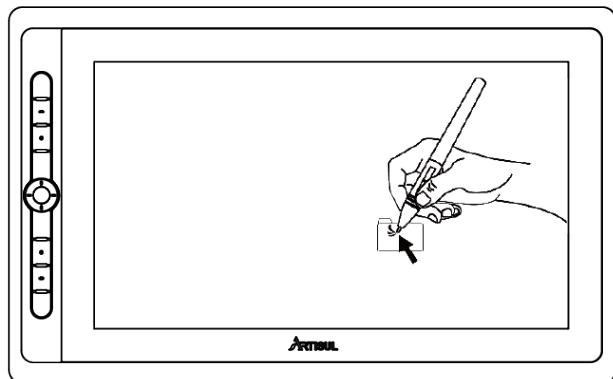
Notice: When not in use, place the pen in the pen case or on the desk. Do not place the pen on the surface of screen, which may interfere with the use of other screen cursor positioning equipment, it may also cause your computer unable to enter the sleep mode.

2.1.2 Position the cursor

Move the pen slightly above the active area without touching the screen surface, the cursor will move to the new position accordingly.

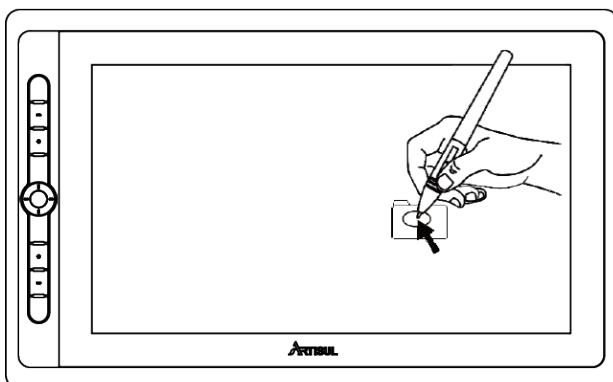
Press the pen tip on the screen to make a selection. Tap the screen once with the pen tip, or touch it to the screen with enough pressure to register a click.





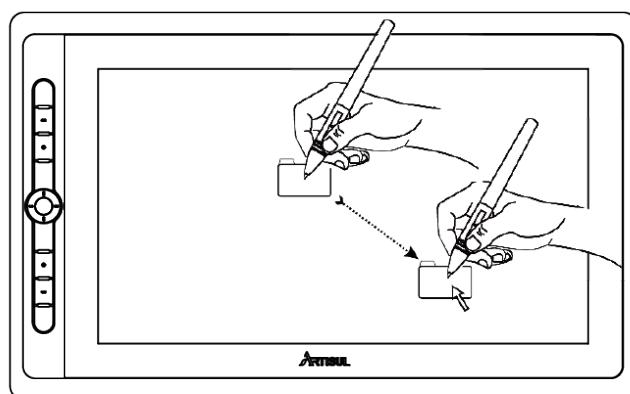
2.1.3 Click

Use the pen tip to tap on the screen once to produce a click. Tap to highlight or select an item on the screen and double-click to open it.



2.1.4 Move

Select the object, then slide the pen tip across the screen to move it.

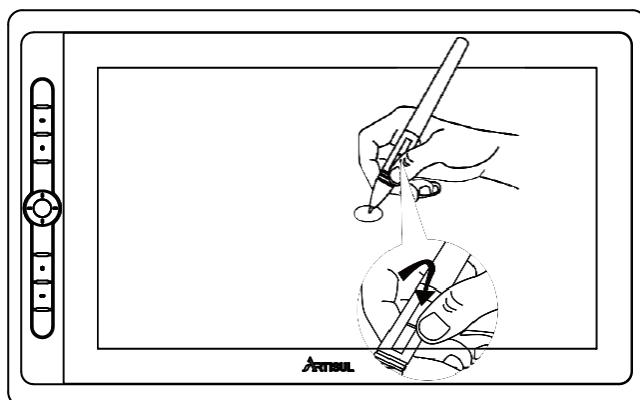


2.1.5 Use the side buttons

The side buttons of the pen can be set to two different customizable functions.

You can use the buttons whenever the pen tip is within 10mm of the display active area.

You do not have to touch the pen tip to the display in order to use the switch.



2.2 Using the Display

2.2.1 Power Button

You need to turn on the power button before using the display.

2.2.2 Press Keys & Dial

There are 8 press keys and one dial on the display. You can modify the functions according to your own habits to improve your work efficiency. See “FastAccess Key Setting” .

To use the dial in the “Use Wheel” mode:

1. Press the centre of the dial to select the function to be achieved.
2. Rotate the dial to use the function.

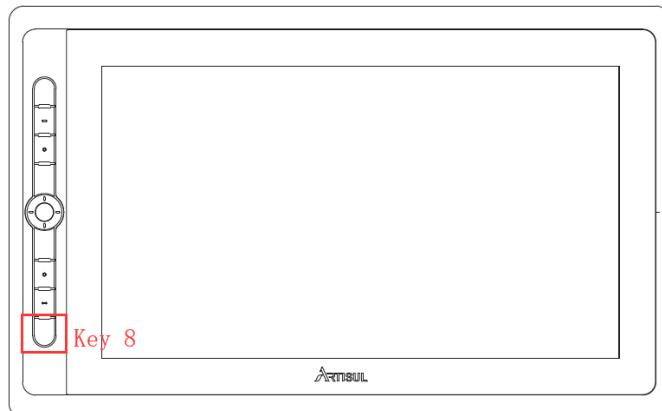
To use the dial in the “Use Dial” mode:

1. Press and hold the centre of the dial for approximately two seconds until the OSD menu is displayed.
2. Rotate the dial and press the centre of the dial to select the function to be achieved.
3. Rotate the dial to use the function.

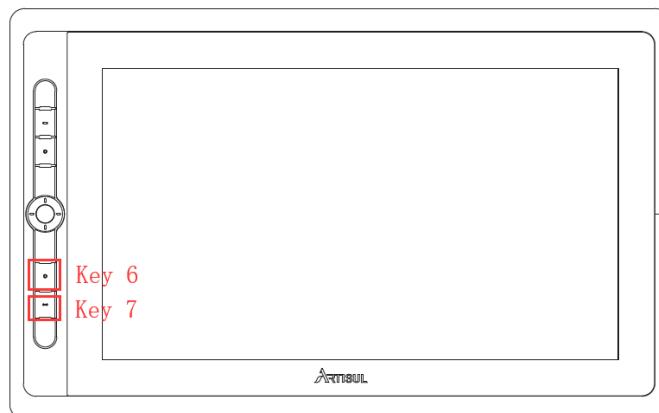
2.2.3 Dial LED Indicator

The LED indicator of the dial supports monochromatic, polychromatic, and off modes. To customize the LED indicator:

1. When you press key 8, the indicator will switch between the three modes.



2. When the indicator is in monochromatic or polychromatic mode, press and hold key 8, and press key 6 or 7 to adjust the indicator brightness.



3. When the indicator is in monochromatic mode, press and hold key 8, and rotate the dial to select the desired color.

Notes:

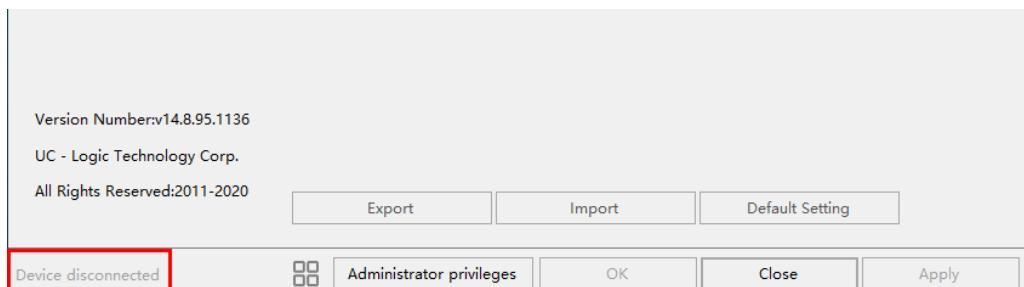
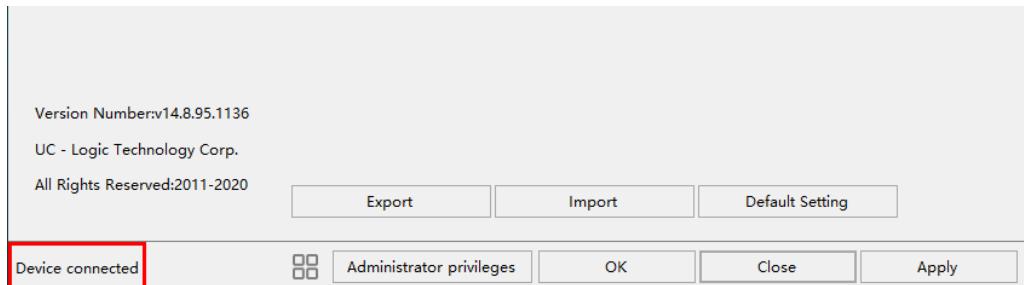
1. The indicator in monochromatic mode will switch to polychromatic mode after the display is not in use for one minute.
2. The indicator will switch to off mode after the display is not in use for six minutes.

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.



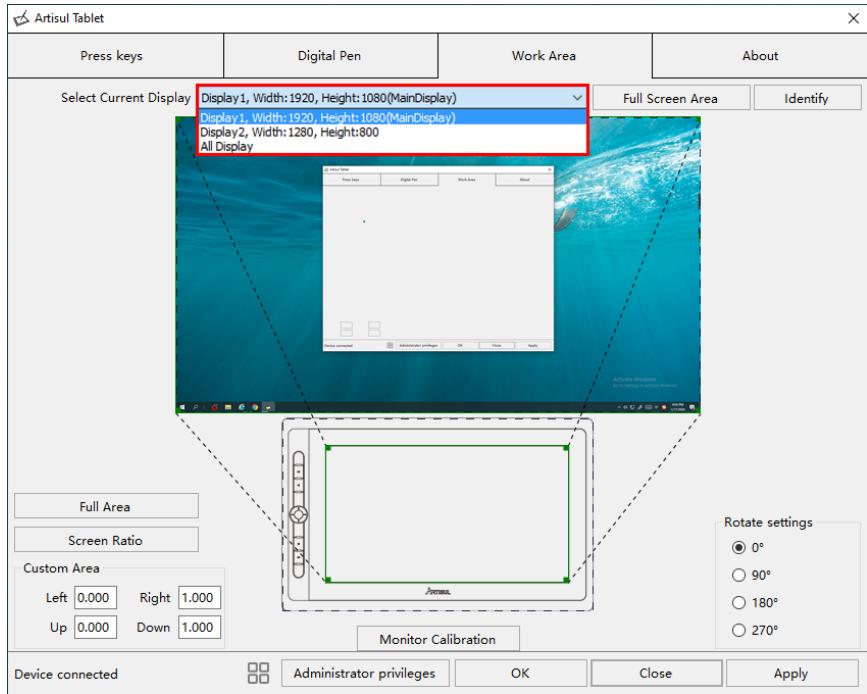
3.2 Working Area Setting

3.2.1 Using Multiple Monitors

When the Artisul 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.

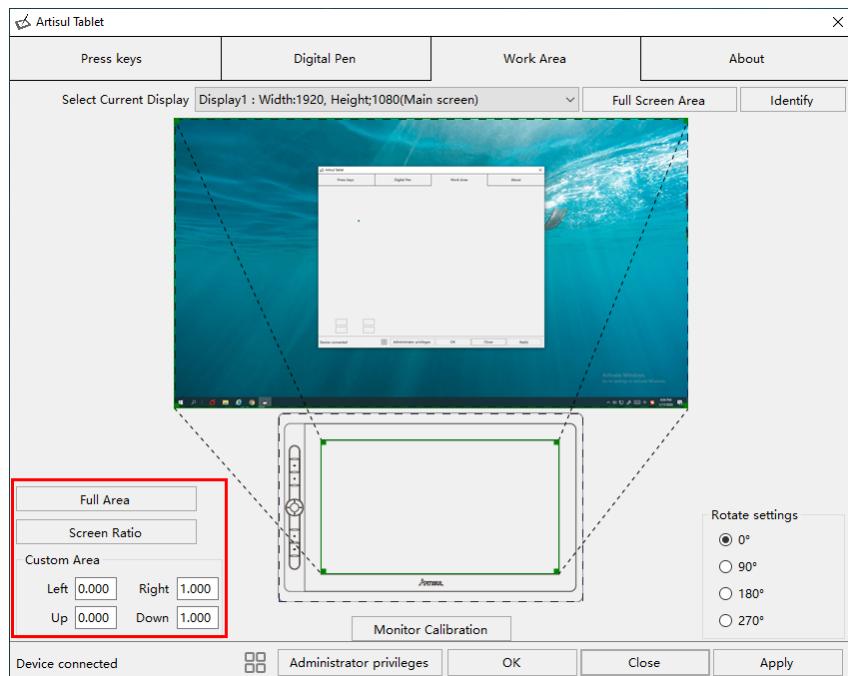
If you are in the extended display mode, you need to set the display on the driver that which portion of the display screen your display will map to.



3.2.2 Working Area Setting

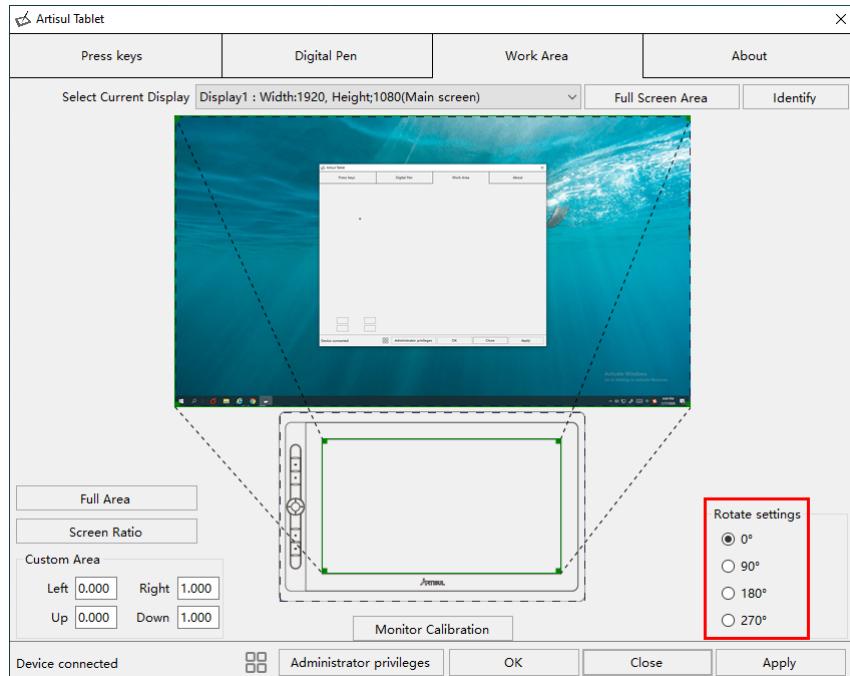
Define the display area that will be mapped to the screen area.

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.

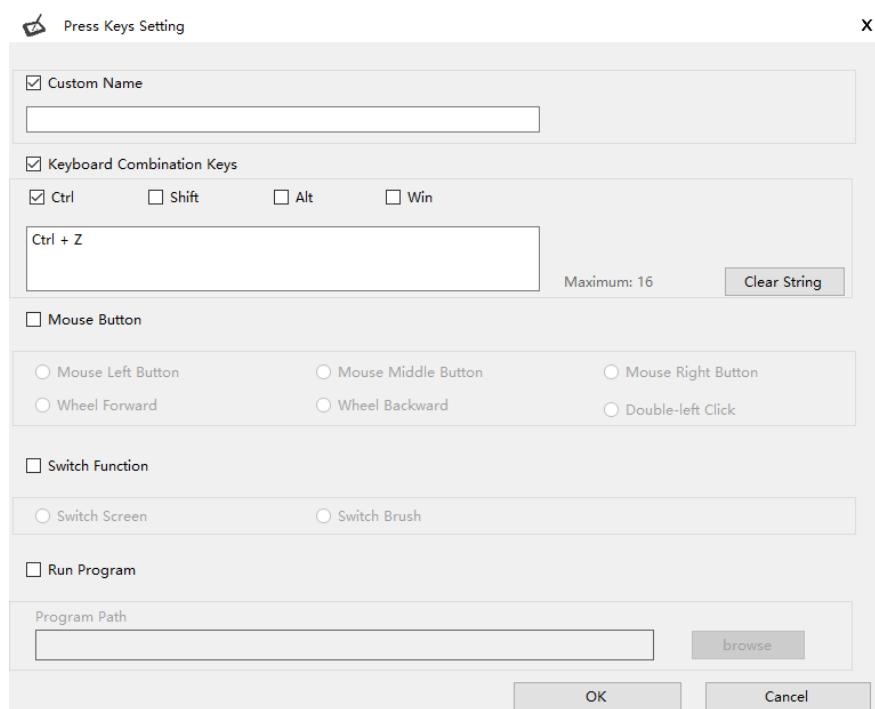
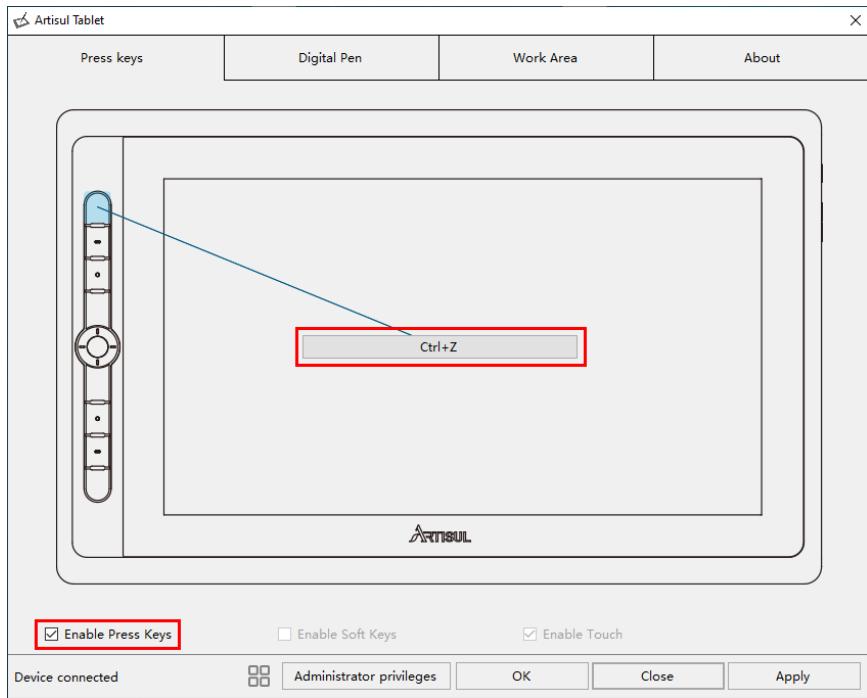


3.3 Press Keys Function Setting

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.

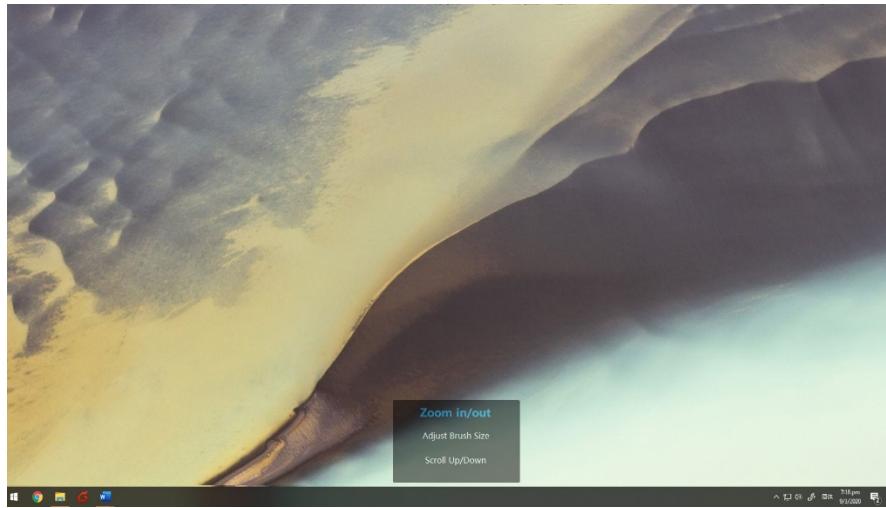
Enable/Disable Press Key: Check/Uncheck "Enable Press key"



3.4 Dial Setting

Enable dial

Press the dial and three groups of functions appear at the bottom of the screen, which can be switched by clicking the dial.

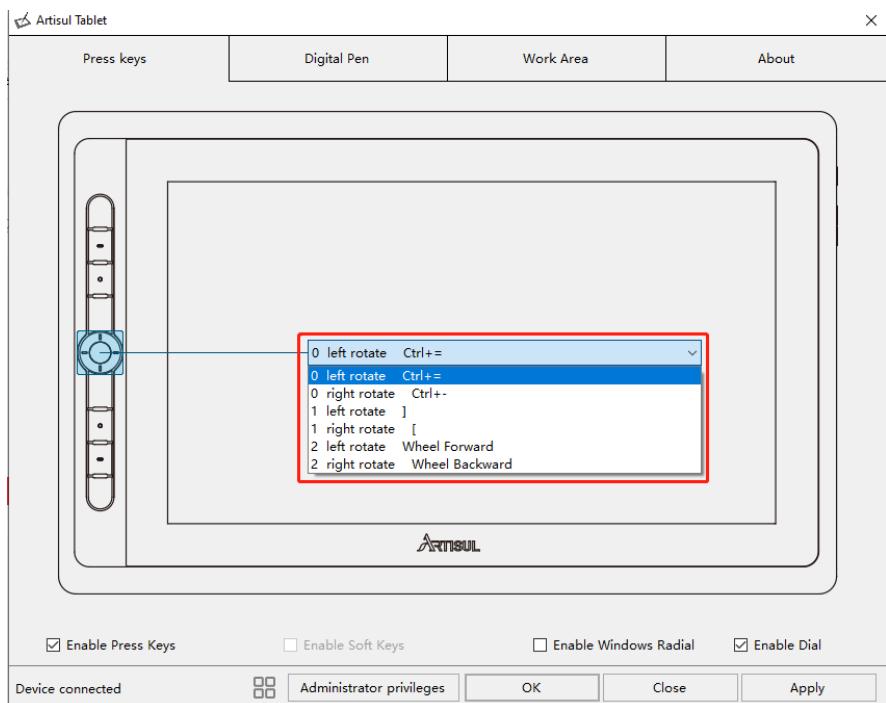


Factory setting: Canvas Zoom in/out, Brush Zoom in/out , Scroll up/down

0 left rotate → Ctrl + = (Canvas Zoom out) / 0 left rotate → Ctrl + - (Canvas Zoom in)

1 left rotate →] (Brush Zoom out) / 1 left rotate → [(Brush Zoom in)

2 left rotate → Wheel Forward (Scroll up) / 2 left rotate → Wheel Backward (Scroll down)



You can also customize the dial function

For example

1 left rotate → Ctrl + Z (Undo) / 1 left rotate → Ctrl + Shift + Z (Redo)

The Dial can also be set to six separate functions. For example

0 left rotate → Left Mouse Button/ 0 left rotate → Left Double Click ,and so on.

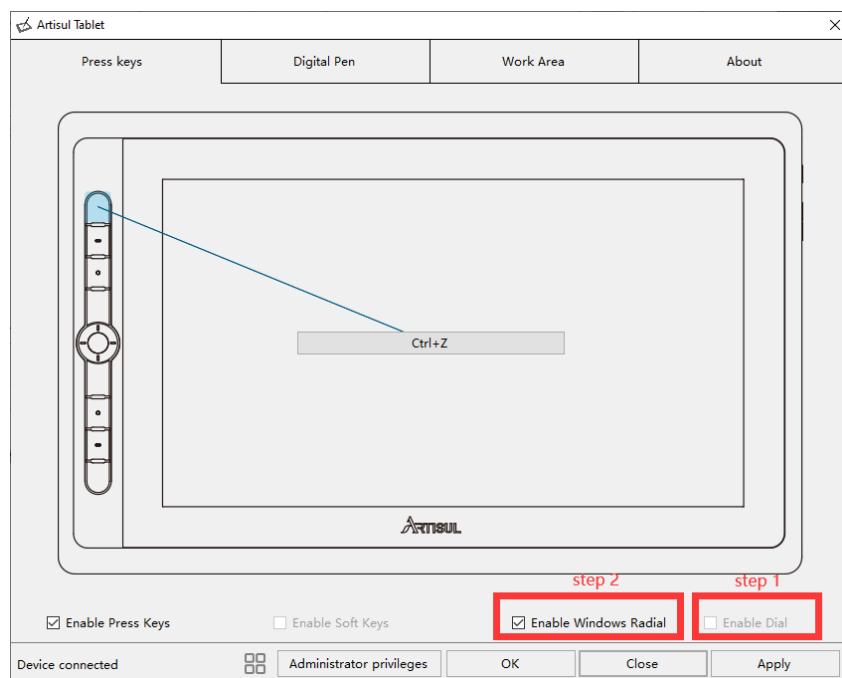
Windows Radial

Dial Controller offers users creative shortcuts and is compatible with Windows Radial Controller Protocol. While Windows Radial features will be activated once you select “Enable Windows Radial” via the driver.

Long press the key on the centre of the Dial Controller to call up a tool menu, users can use Dial Controller to adjust the brush size, pick the color and scroll through the pages, etc.s

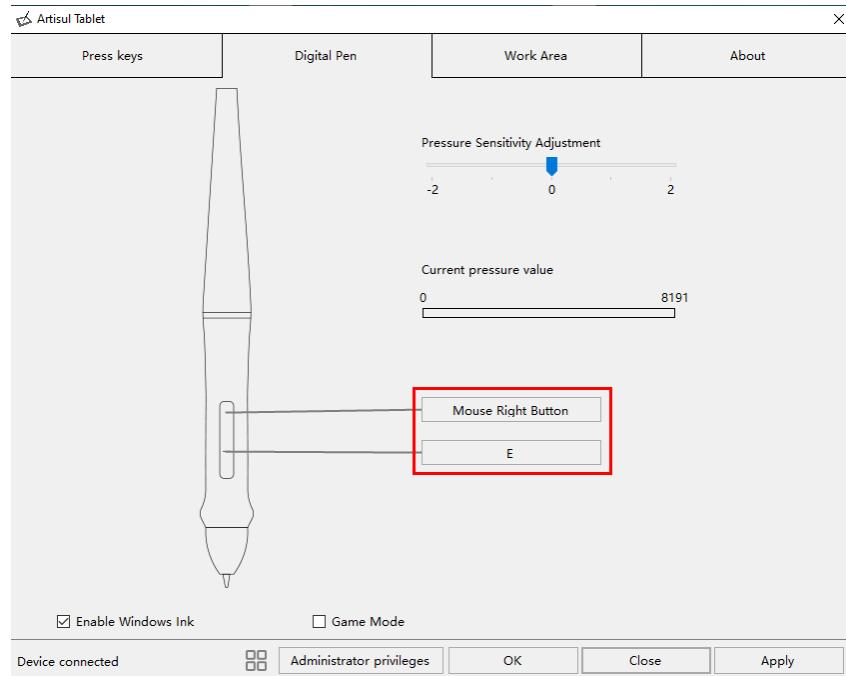
Please Note:

If you want to “Enable Windows Radial”, please uncheck “Enable Dial” first before checking the “Enable Windows Radial” option.



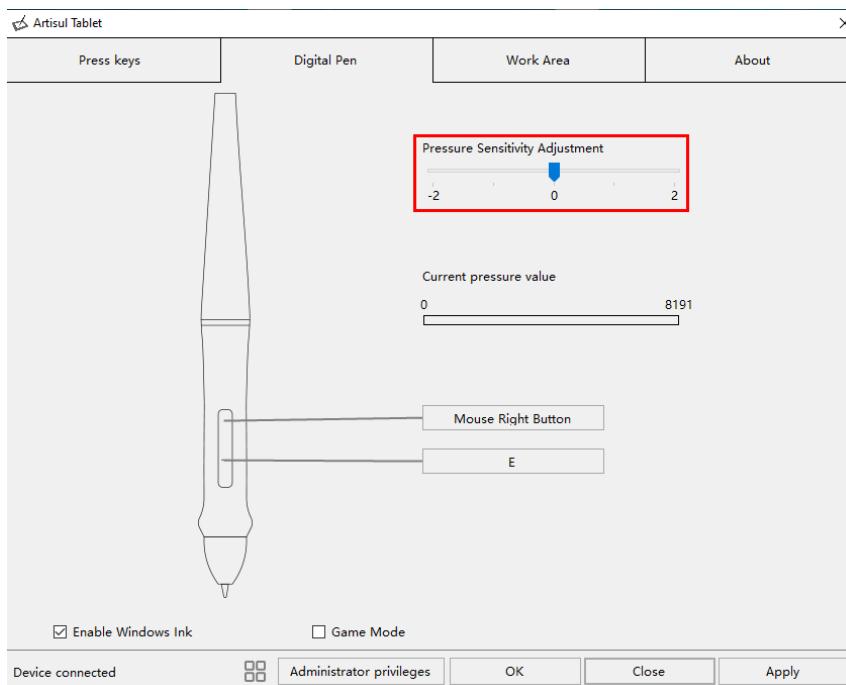
3.5 Pen Button Setting

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



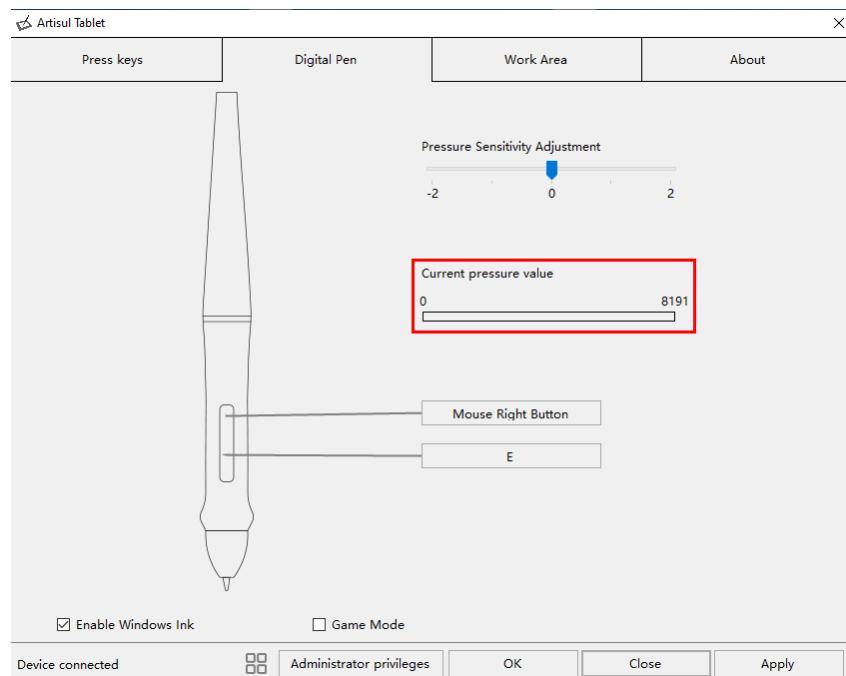
3.6 Pressure Sensitivity Setting

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



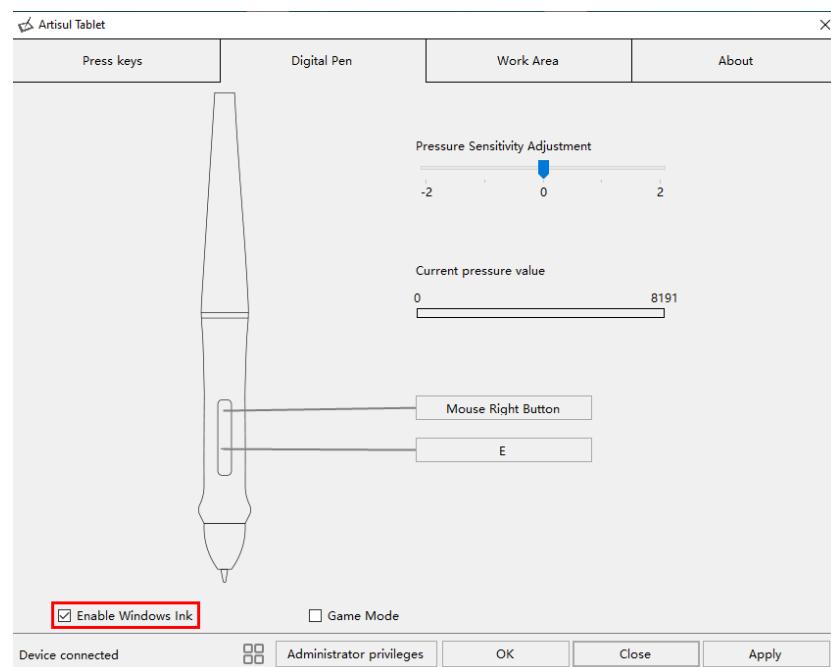
3.7 Pen Pressure Testing

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



3.8 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.

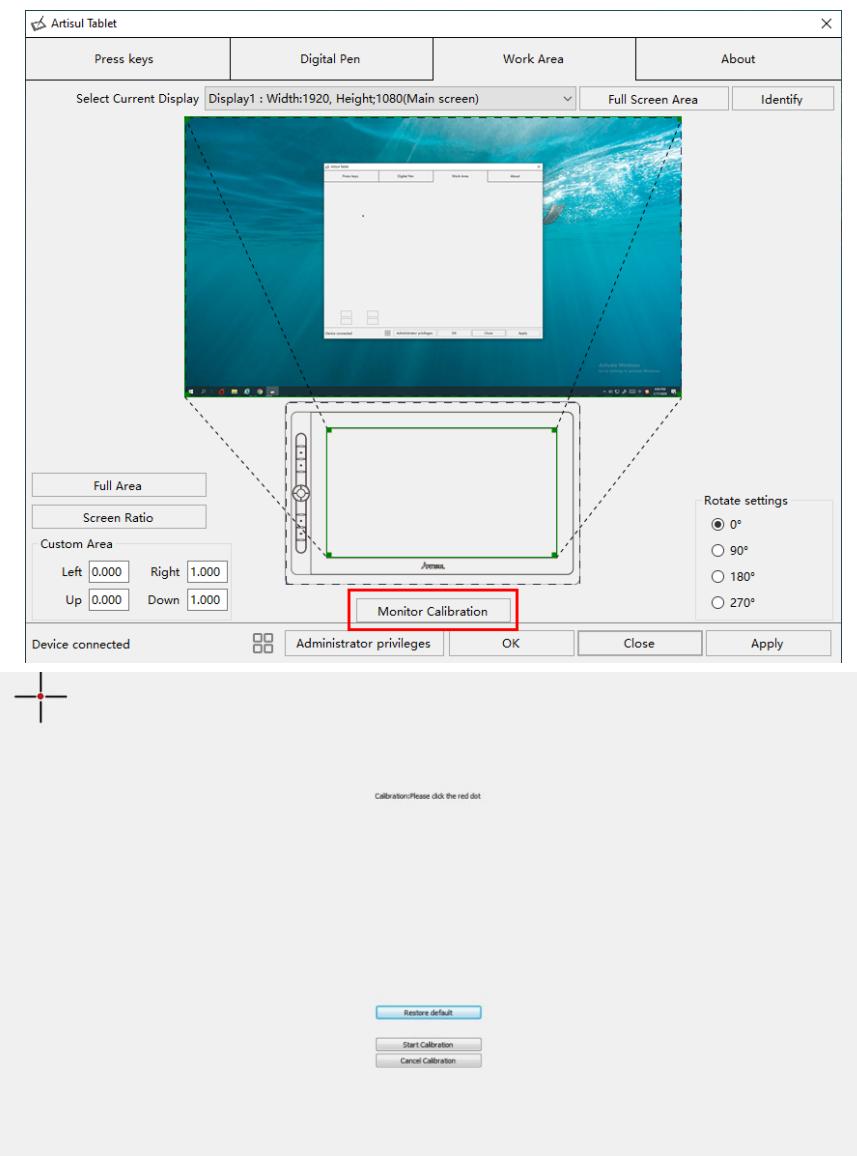


3.9 Calibration

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

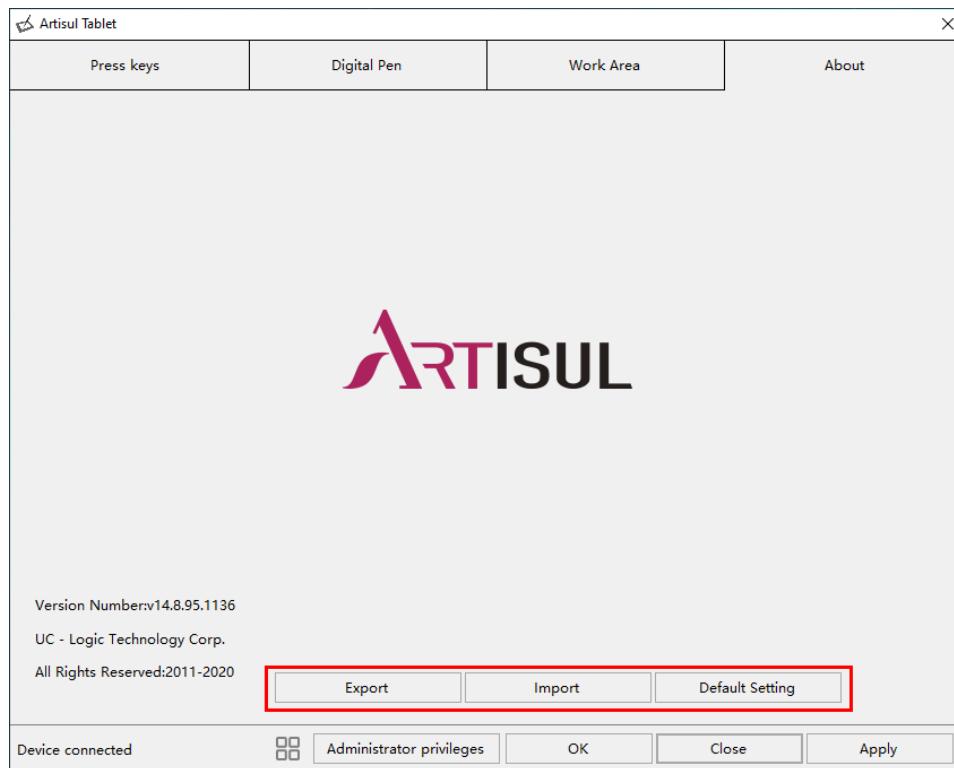
Restore Factory Settings: Click "Restore Default" to restore to the factory settings.

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



3.10 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

ITEM		D16 Pro
Screen	Panel Size	15.6 inch
	Resolution	1920 x 1080 (16:9)
	LCD Type	IPS LCD
	Active Area	344.16 x 193.59 mm
	Contrast Ratio	1000:1
	Brightness	220 cd/m ²
	Response Time	25 ms
	View Angle	89°/89°(H)/89°/89°(V) (Typ.)(CR > 10)
	Gamut	90% Adobe RGB 88% NTSC 120% SRGB
	Display Color	16.7 M (8bit)
Touch	Touch Type	Passive Electromagnetic Resonance
	Resolution	5080 LPI
	Pressure Level	8192
	Accuracy	±0.5 mm(Center), ±3 mm(Corner)
	Sensing Height	10 mm
	Report Rate	300 PPS
Pen	Model	P58B
	Dimension	149 x Φ14 mm
	Buttons	Two Side Customized Keys
General	Output Voltage	5V 2A
	Video Interface	Type-C
	Press Key	8 Customized Press Keys

Dimension	437.8 x 251.2 x 11.5mm
Net Weight	1.3 Kg (without stand)
Adjustable Stand	45°, 41.5°, 37°, 22.5°, 19.5°, 14.5°
OS Support	Windows 7 or later, macOS 10.12 or later

5. Trouble Shooting

5.1 Possible Breakdowns Related to DISPLAY

Abnormal Phenomena	Possible Solutions
Power indicator does not flash	<ul style="list-style-type: none"> ● Make sure power is on. ● Check the socket and power cable.
No display on the screen	<ol style="list-style-type: none"> 1. Make sure power is on. 2. Correctly connect the cable. 3. If you connect the display with a laptop, please make sure the display is on the right display mode: extend or duplicate mode. 4. Check whether the side indicator shows green, if not, it means no signal in. Please reboot your computer or reconnect the cable. 5. Is the signal wire broken or bent? If so, please replace the signal wire.
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">1. If the driver is damaged or is not properly installed, please uninstall the driver and reinstall it.2. Try restarting your computer.3. Try re-inserting the USB cable.
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

6. After-service Contact

If you have any questions, please feel free to contact us at:

Website: www.artisul.com

Email: service@artisul.com