

User's Guide

10.1" USB Digitizer Display

Safety Information

1. Read all of these instructions carefully before you operate. Keep this User Manual safely for later use.
2. Follow all warnings and instructions marked on product.
3. Do not use attachments not recommended by the manufacturer as they may cause hazards.
4. This monitor should be USB powered and operated only from the type of power source indicated on the rating label of monitor.
5. Do not use this monitor near water. For example near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.
6. Unplug this monitor from the PC and refer servicing to qualified service personnel under the following conditions:
 - a. When the USB cable or connector is damaged or frayed.
 - b. If liquid has been spilled into the monitor.
 - c. If the monitor has been exposed to rain or water.
 - d. If the monitor has been dropped or the cabinet has been damaged.
 - e. When the monitor exhibits a distinct change in performance this indicated a need for service.
7. Do not place this monitor on an unstable cart, stand, or table. The monitor may fall, causing serious injury to a child or adult and serious damage to the appliance. Use only with a cart or stand recommended by the manufacturer or sold with monitor.
8. Unplug this monitor from the PC before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
9. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer that have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock, or other hazards.
10. For any complaint or repair to this product, ask the service technician to perform routine safety checks to determine that the product is in safe operating condition.

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1. Introduction

1.1 Packing List

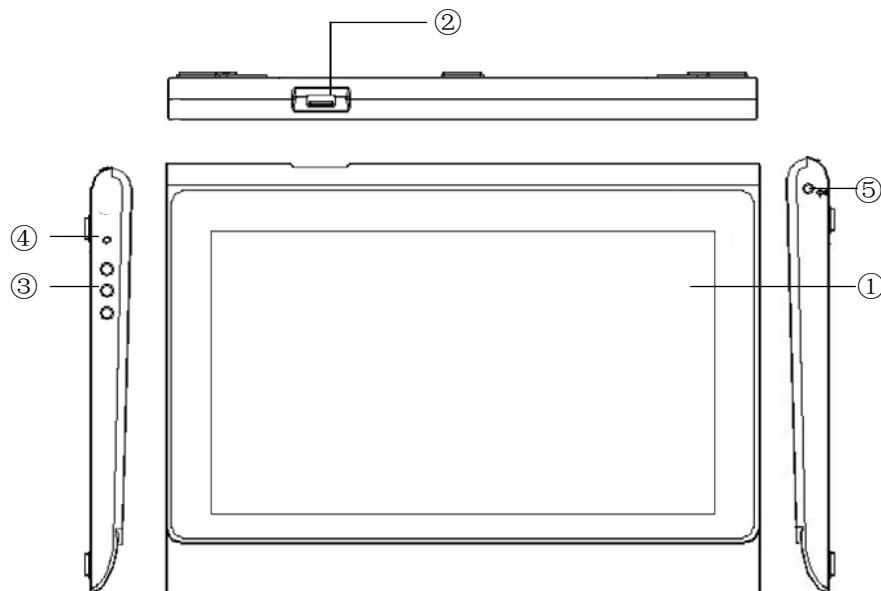
After unpacking, make sure that all of the following contents are included:

- Digitizer Monitor
- Pen Kits Package
- USB Cable
- User's Guide
- Driver and Software CD

If there is a defect or missing part, please contact the agency where you purchased the product.

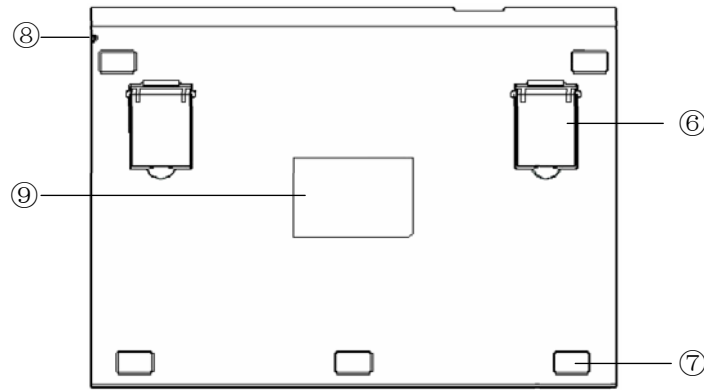
1.2 Product Overview

1.2.1 Front and Side View



- ① Display and pen touch area
- ② USB port, to USB powered and display signal input
- ③ Control key buttons: Power knob, Brightness adjustment (brightness up and down)
- ④ Power indication
- ⑤ DC output, to pen powered (depend pen type)

1.2.2Rear View



- ⑥ Stand (x2)
- ⑦ Foot rubber x5
- ⑧ Lock hole
- ⑨ Rear label

Caution: Risk of electric shock; please do not open the shell yourself. Please contact maintenance personnel if any problem countered.

1.2.3 Interactive Pen

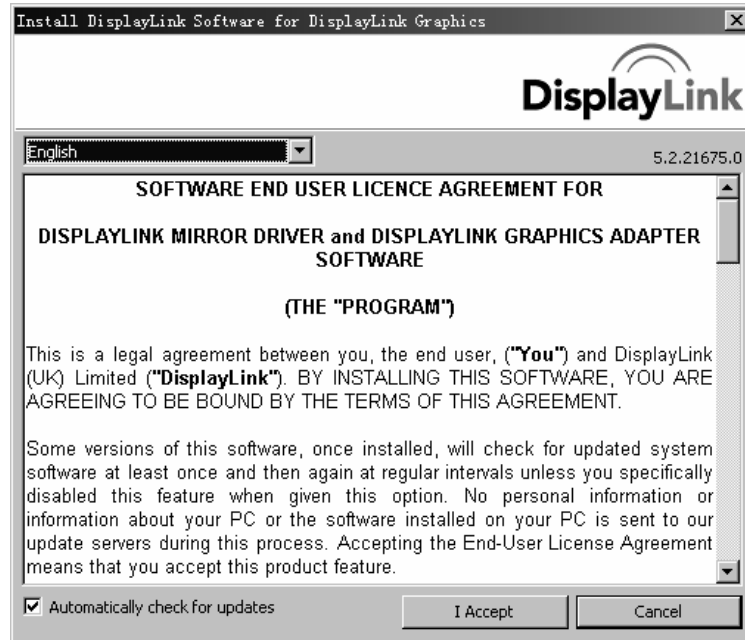
Interactive pen be using the electromagnetic resonance technology, and power by a 1.5V AAAA alkaline dry battery, battery are included in the pen kits package.

2. Installing and setup

2.1 Drivers Installing

2.1.1 Install driver and software for DisplayLink Graphics

- 1) Open Drivers and Bundled Software CD, and click **DisplayLink Graphics** - Select **Language** - Click **I Accept** to start installing.



- 2) Then the installation will be completed automatically.

2.1.2 TouchPanel driver installing

Please install the TouchPanel Driver before you use the interactive pen. Do the following to install the driver:

- a. Open Driver CD, and click **TouchPanel Setup**, will appear the launch page.

- b. Then do the all steps according setting guide.
- c. After complete the installation, you need restart your PC.

2.2 Bundled Software Installing

There are following software in CD, if need further information of software application, upgrade, please visit our web site.

- 1) MyScript Stylus: compatible with Windows XP, Vista (You can find the S/N number for MyScript Stylus on the CD package).

Attention: All software was protected by copyright.

Note: Driver and Software may be subject to update without prior notice. If you experience a problem with any device, indentify whether the driver is the source of your problem end, if necessary, update the driver, and you could visit our web site to get more information of driver and software upgrade.

2.3 Connect the monitor

- 1) Connect the single USB connector of USB cable to the USB port on monitor side, and connect the dual USB connector to your PC.
- 2) After complete the connecting, you can see   icons on the system tray and make sure you can use your pen on the screen to move the cursor.
- 3) It is an extended desktop, the display physical resolution will be 1024 x 600, and allows you to extend for a window of an application program and working directly on this screen with the interactive pen.

2.4 Screen Calibrating

1) After driver stalled, in first time for the operation, and after display mode changed, you will be prompted for information and to do a screen calibration program as below.

Please move Mouse Cursor to the Monitor which need to calibration and click left button (Press ESC or Mouse Right Button to abort).

Attention: Improper calibrate will affect the accuracy of the pen & cursor on the screen.

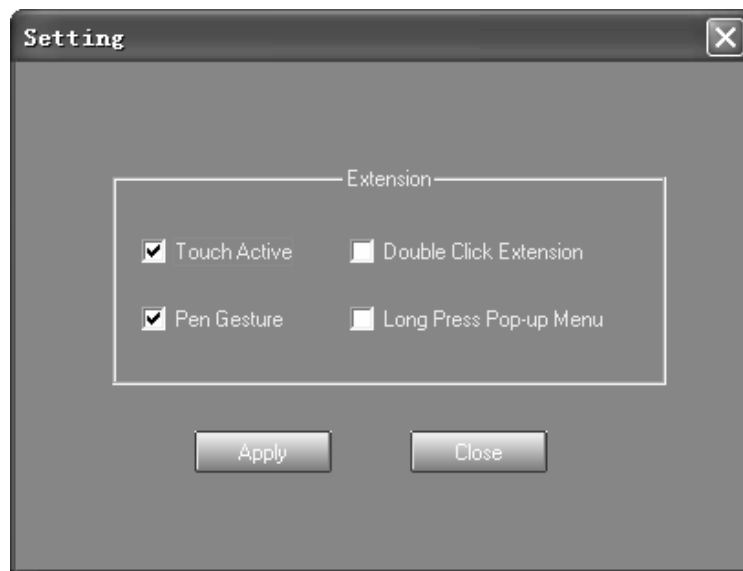
2) The screen calibrating program in operation in the future:

- a. Click the **Touch Control Panel** icon ().
- b. Select **Screen Setting** to calibrate.
- c. If you want cancel calibrate, press **Ext** to exit program.

2.5 Interactive pen setup

2.5.1 Extension Settings

- 1) Click **Touch Control Panel** icon ().
- 2) Select **Settings** tab into **Extension** setup.



Windows 7 (or Vista) system, click the **Start** icon → **Control Panel** → select **USB Tablet**.

2.5.2 About pen pressure sensitive

The pen support 1024 levels pressure. To draw with pressure, select a pressure-sensitive tool from your application's tool palette, when you press your pen tip lightly, it will show softer color or thin lines, and press harder for dense color or thick lines.

Notes:

- 1) Hold this pen the way you would hold a normal pen or pencil while writing on paper and the allowed pen input angle is 45° in any direction from a position.
- 2) The interactive pen has an automatic power off function, if operating paused and over 20 minutes, click pen tip recall active status. If pen no function, please check a battery be inserted.

2.6 DisplayLink Manager

When this DisplayLink device installed, you can find an icon of DisplayLink Manager () on the system tray, click it for setup.

2.6.1 DisplayLink on Windows XP

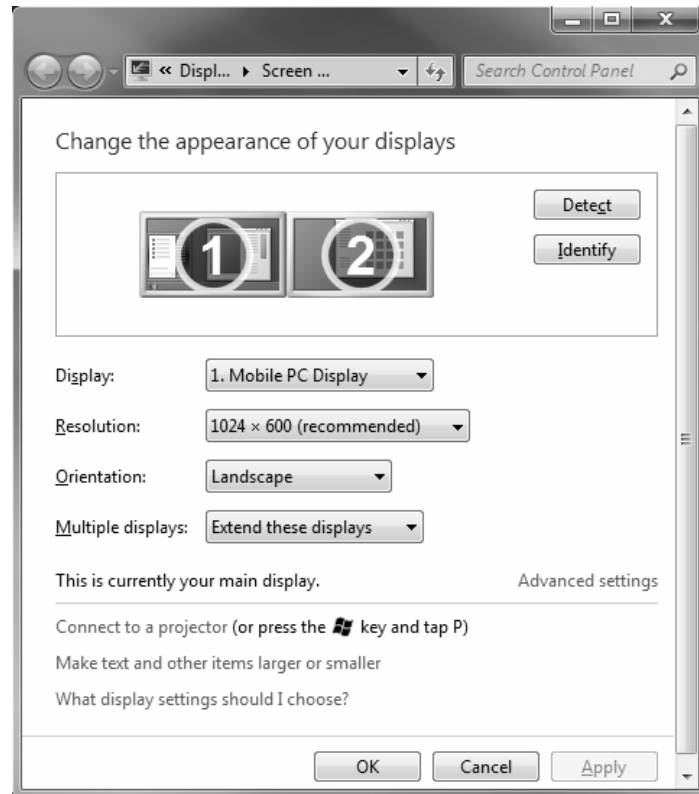
Click DisplayLink icon (), open DisplayLink Manager menu and provide setup below.

- 1) Extend: 4 modes for option (Right/Left/Above/Below), the default setting is "Extend to Right".
- 2) Main Monitor: set as main monitor, except Notebook PC.
- 3) Notebook Monitor Off: attached monitor display only.
- 4) Mirror: a duplicate display mode, it will change to a same resolution of both of main and duplicate monitors.
- 5) Off: turn off extend monitor.
- 6) Advanced: open the Display Properties setup window.
- 7) Check for updates: DisplayLink driver update.

Notes: Once a setup above is completed, please execute the screen calibrating program for USB Tablet monitor (refer to section 2.4).

2.6.2 DisplayLink on Windows 7

Click DisplayLink icon (), open DisplayLink Manager menu, and then click **Advanced** item to open a Screen Resolution setup window:



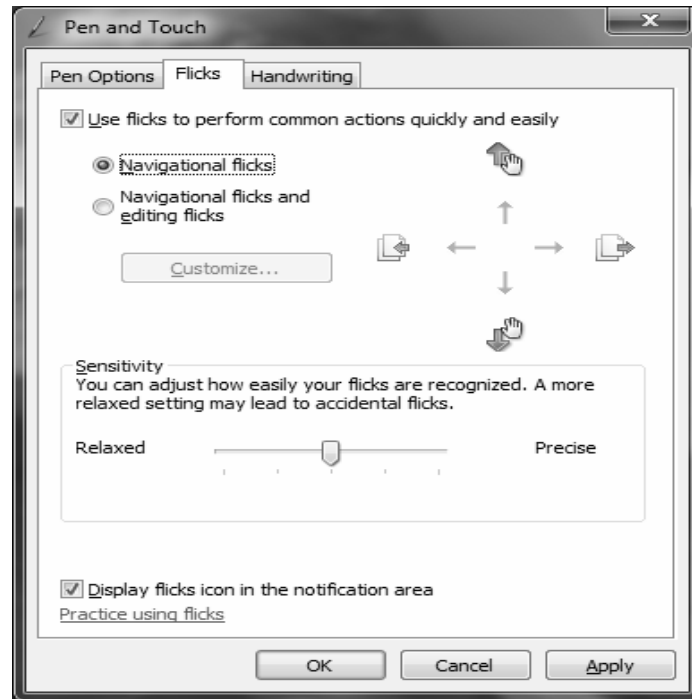
- 1) When a DisplayLink device installed, you can find one more option item which is **Multiple displays**.
- 2) **Multiple displays** provide 4 options for the digitizer display:
 - a. Duplicate these displays: a mirror display mode, it will change to a same resolution of both of main and duplicate monitors.
 - b. Extend these displays: Extend display to right (default setting).
 - c. Show desktop only on 1: only show desktop on main monitor.
 - d. Show desktop only on 2: only show desktop on extend monitor.

2.7 More Settings of Tablet

Windows 7 (or Vista) system is tied with perfect tablet function, in this section all the setting is base on this system.

2.7.1 Pen and Touch

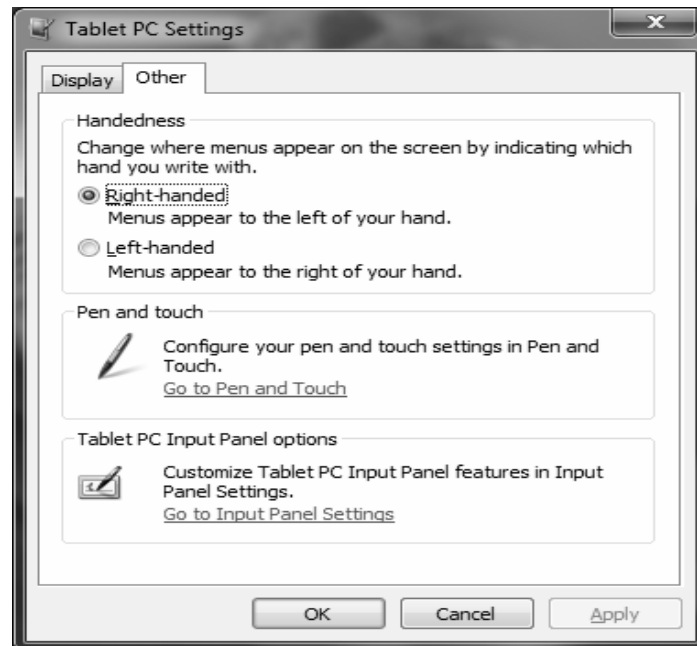
Click **Start** icon → **Control Panel** → **Pen and Touch** → click **Flicks** and Handwriting.



- a. Pen Options: Use the pen to interact with items on the screen, you can adjust the settings for each pen action and pen buttons.
- b. Flicks: Use flicks to perform actions quickly and easily with your tablet pen.
- c. Handwriting: You can select one option of “Use automatic learning” or “Don’t use automatic learning and delete any previously collected data”

2.7.2 Tablet PC Setting

Click **Start** icon → **Control Panel** → **Tablet PC Settings** → click **Other** tab → click **Go to Input Panel Settings**.



These Settings allow you to customize below functions of Tablet PC Input Panel.

- **Opening:** Input panel icons and tab settings.
- **Handwriting:** Ink thickness and writing line distance settings.
- **Ink to text conversion:** Handwriting recognition settings.
- **Text completion:** AutoComplete and Predictive settings.
- **Insertion:** Insert button and automatically insert characters.
- **Advanced:** Password security and Action gestures settings.

Attention: The Tablet PC Settings have a Display tab, and allow you to configure your pen and calibrate screen rotates, if these settings is unsuitable, please click Esc to exit.

3. Troubleshooting

3.1 Monitor problems

Problems	Suggested action
No picture	*Check the Mode Switch was turn on to Tablet Monitor mode. *Check USB cable should be completely connected to the computer and monitor. *Check computer whether are in dormancy mode. Press keyboard or move the mouse to reactivate the system. *Try adjusting the brightness. *Check that the computer is switched on. *If you use laptop PC, check that the external (RGB) output is selected. *Try to change USB ports. *Check that OS is Windows XP/Vista and Windows 7 *Check that DisplayLink Driver has been installed.
Picture is gray	*Adjust the brightness controls.
Picture noise	*Move electrical devices that may cause electrical interference.
Picture is fuzzy	*Physical resolution is 1024 x 600. Under the resolution, it will get the best display.
Poor brightness	*When the brightness of the screen lowers after being used for a certain period and the function of the display is affected, send it to our authorized service center for repair.

3.2 Interactive Pen Problems

Problems	Suggested action
The pen is no function	* Check APO whether actives, click pen tip could recall active status. * Check the battery whether worn out? If yes, please replace the pen battery. * Try using mouse to double check, if mouse also no function, please restarting your computer or your application. * Try to reinstall the USB Tablet driver.
Pen nib is too short	* Check whether the pen nib is too short. If yes, replace the pen nib.
The cursor move Incorrectly	* Eliminate interference from nearby electrical devices. * Try restarting your computer for double check.
The side switch does not work	* Be sure that when you press the side button, the pen tip is within 5mm of the display surface and your pen tip is not against the display surface. * Be sure that the side button is set to the proper function you are expecting to occur for the application.
The cursor is far out from pen tip	* The accuracy of pen cursor please refers to section 4.2 specs, if you found over this specs, please refer section 2.4 to do the Screen Calibrating.

Note: Contact local technical support and/or agency where you purchased the product, if you need further support.

Caution: Risk of electric shock. Do not open the shell by yourself. Please contact maintenance personnel if any problem countered.

4. Product Specification

4.1 Monitor

Display	
Type	10.1" TFT LCD, LED backlight, tablet module built in.
Resolution	1024 x 600
Brightness	180 cd/m ² (typical)
View angle	H 90°, V 65°
Response time	10 ms
Connector	
USB	USB x1
User controls	
Control keys	Power switch, Brightness +/-
Power supply	
Input	DC5V 0.7A, USB Powered
Power consumption	Tablet monitor mode: On 4W, Sleep <0.7W Digitizer mode: <0.4W
Physical	
Unit dimension	265 mm x 195 mm x 18mm
Unit weight	Net 0.6kg, Gross 1.1kg
Environmental	
Temperature range	Operating 0°C ~ +35°C Storage -20°C ~ +60°C
Relative humidity	Operating 20% ~ 80% Storage 10% ~ 90%

4.2 Interactive Pen

Type	
Technology method	Electromagnetic resonance method
Active area	Full screen
Technical Specs	
Resolution	1000 LPI (line per inch)
Tracking speed	130 PPS (points per second)
Pressure sensitive	1024 levels
Accuracy	± 0.5mm (center), ± 3 mm (edge and corner)
Height readable	5 mm
Pen	
Type	Pressure-sensitive, cordless
Detectable pen tilt	Tilt range ± 45°
User controls (switch)	Tip switch, 2 side switches
Auto controls	Automatic power off activates if operating paused and over 20 minutes. Click pen nit could recall active status.
Nibs	Replaceable
Power	1.5V AAAA battery
Power consumption	500 µA at normal operating condition

Note: Specification may be subject to change without prior notice.

5. Appendix

5.1 Replacing the Pen tip

When the tip gets too short or develops a sharp edge, you can replace it with the spare tips. Please follow below step:

- 1) Use the tip replacement tool to pull the old tip straight out of the pen.



- 2) Insert a new pen tip into the stylus pen and push the tip until it stops.

Note: Tip replacement tool and spare tips are included.

FCC NOTE:

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1. This device may not cause harmful interference, and 2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Properly shielded and grounded cables and connectors must be used for connection to a host computer in order to comply with FCC emission limits.(FCC15.27)