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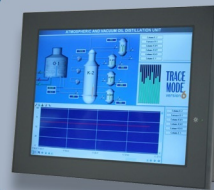
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ADP-1XX8P Display
User Manual

Release Date	Revision
Jan. 2013	V1.0

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Warning!

This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions manual, it may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

Electric Shock Hazard – Do not operate the machine with its back cover removed. There are dangerous high voltages inside.

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Chapter 1

1.1 Features

● Flat Panel Design

● Aluminum front Bezel and Steel Chassis

● Projected Capacitive Touch

● OSD Keypad Control at rear side, front side for option

● Wide Range 11~32V DC Power Input

1.2 Specifications

Display			
Model No.	ADP-1158P	ADP-1198P	
Display	15" 1024x768 color TFT LCD	19" 1280x1024 color TFT LCD	
Luminance	400 nits	350 nits	1000 nits(optional)
Touch point feature	2 fingers touch		
Viewing Angle	H: 160 / V: 145	H: 170 / V: 160	
Resolution	1024x768	1280x1024	
Backlight Lifetime	50,000 hrs		
Touch Screen	Projected Capacitive touch		
Light Transmission	90%		
OSD	On rear side default, on front side optional		
Power Input	11~32V/DC		
Outside I/O port	VGA X1 DVI X1 AV X1 S-Video X1 3 pins Terminal block power input 1XUSB for touch		
Environment			
Model No.	ADP-1158P	ADP-1198P	
Operating Temperature	-20~60°C	0~50°C	
Storage Temperature	-20~70°C	-20~60°C	
Storage Humidity	10~90% @40°C non-condensing		
Vibration	1G peak, 5~500Hz (at random)		
Certifications	CE/FCC Class A		
Shock	15G peak acceleration (11msec. duration)/operation		

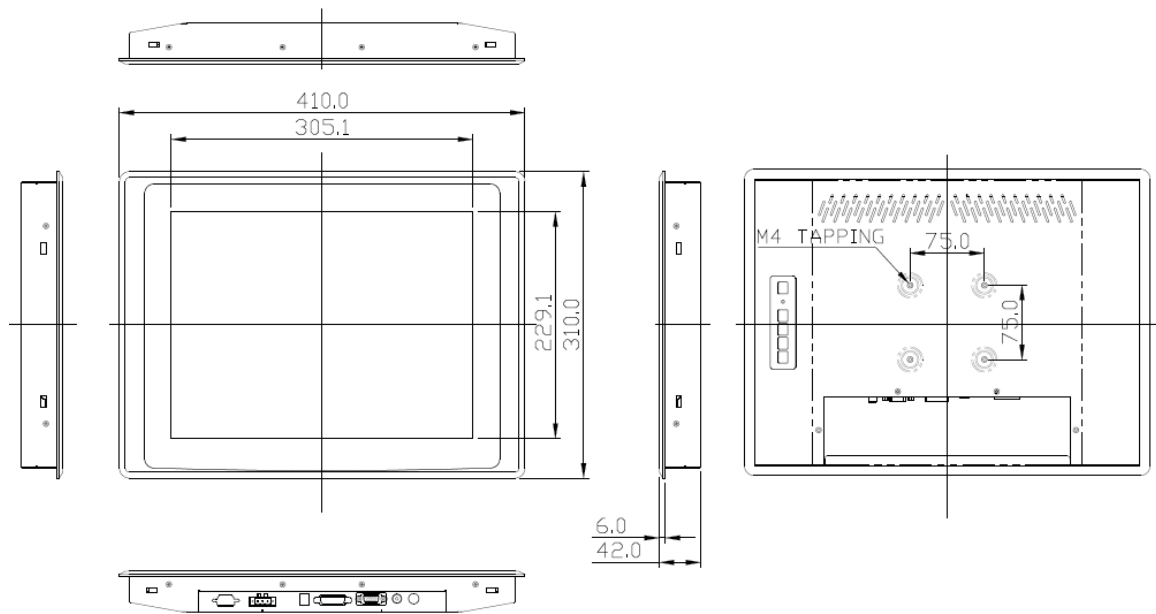| Mechanical		
Model No.	ADP-1158P	ADP-1198P
Construction	Aluminum Sliver front/Steel Black Back	
Dimensions	410x333.6x42	484x416.07x42
IP Rating	Front Panel IP65	
Mounting	Panel Mount / VESA Mount 75x75	Panel Mount / VESA Mount 100x100

1.3 Dimensions

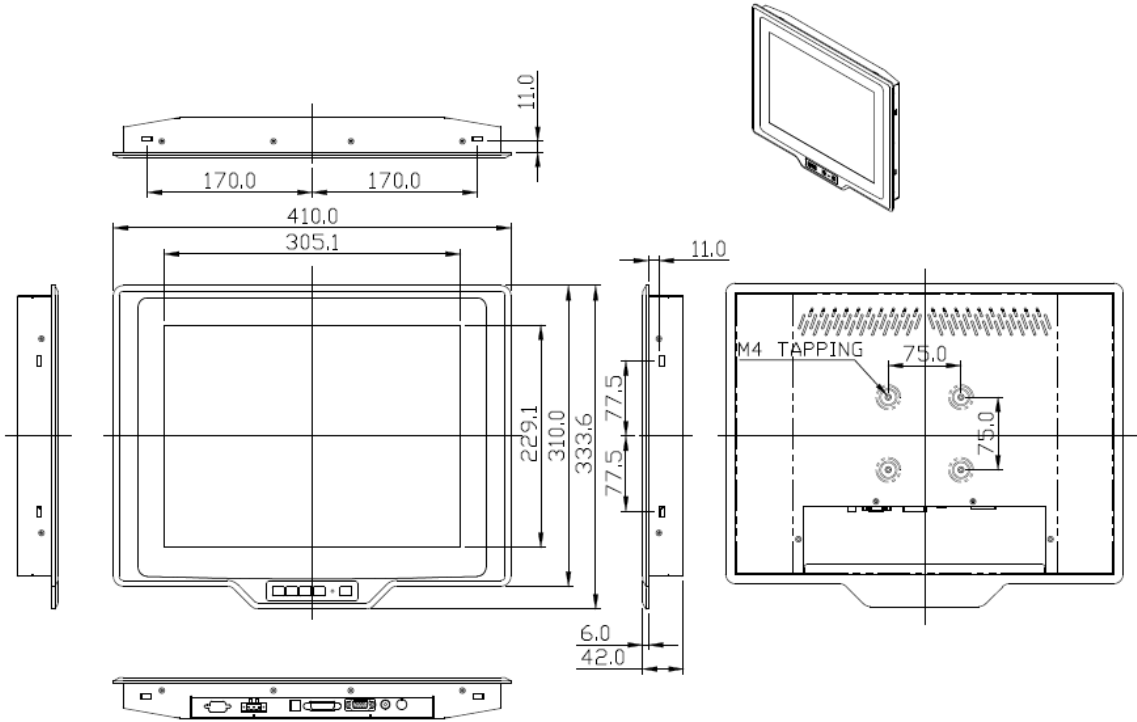**Figure 1.1: Dimensions of rear side OSD ADP-1158P**
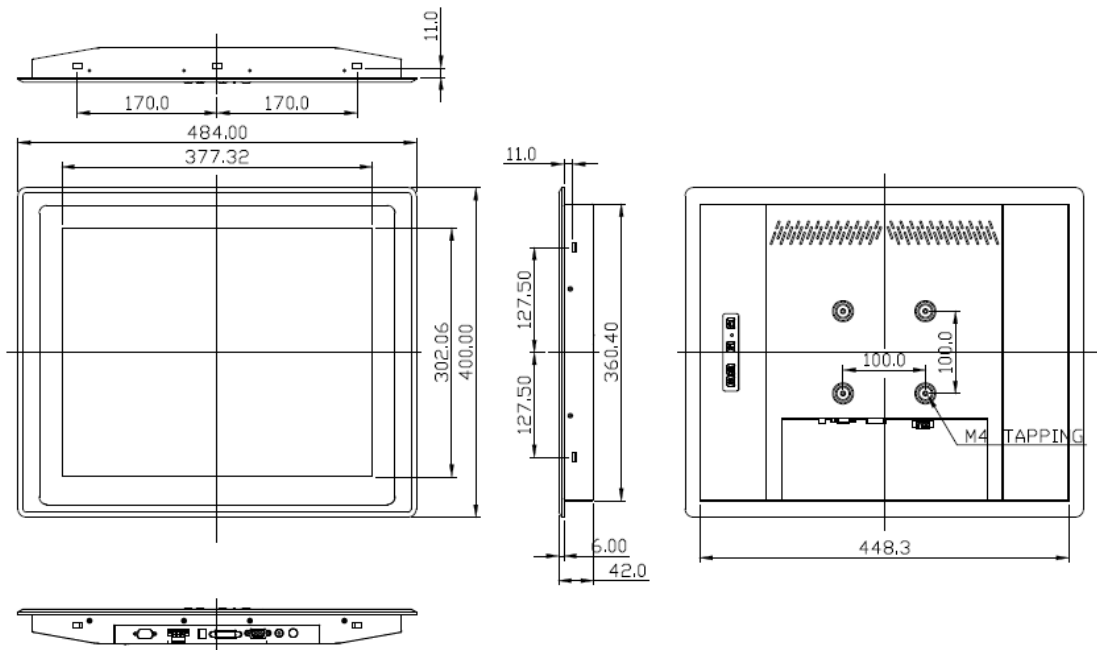
Figure 1.2: Dimensions of front side OSD ADP-1158P
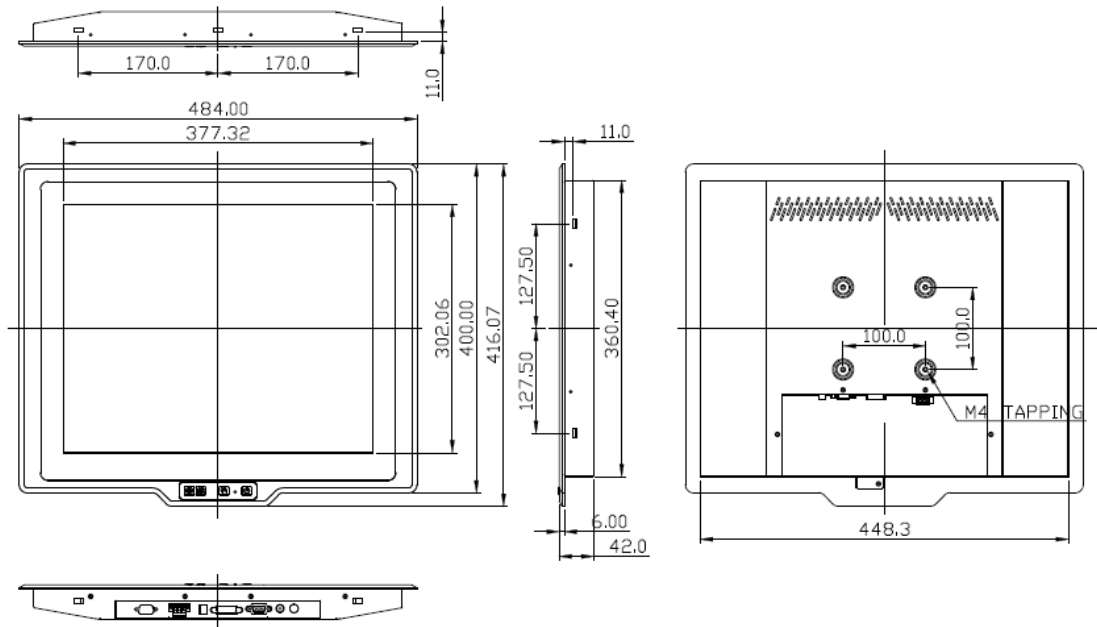

Figure 1.3: Dimensions of rear side OSD ADP-1198P

Figure 1.4: Dimensions of front side OSD ADP-1198P

1.4 Brief Description of ADP-1xx8 P

ADP-1XX8P is a TFT LCD monitor and more outstanding features, thus giving you the best in monitoring and control applications.   The front panel of the display monitor is sealed with IP 65 rating when it is panel-mounted in a NEMA rated cabinet or enclosure.   It can also be VESA 75-mounted for ADP-1158P or VESA 100-mounted for ADP-1198P.   It is to be equipped with a projected capacitive touch screen.

Figure 1.5: Front View of ADP-1XX8P

Figure 1.6: Rear View of ADP-1XX8P

1.5 Display Mode

Display Mode		Hori. Sync (KHz)	Vert. Sync. (Hz)
VGA 640 x 480		31	60
		38	72
		38	75
SVGA 800 x 600		35	56
		38	60
		48	72
		47	75
XGA 1024 x 768		48	60
		56	70
		60	75
SXGA	1152 x 864	68	75
	1280 x 1024	64	60
		80	75
Full HD 1920 x 1080		75	60

Chapter 2

2.1 Front Panel OSD Functions

Auto Adjust   Up/Left   Down/Right   Power

Menu/Entry   Power Indicator
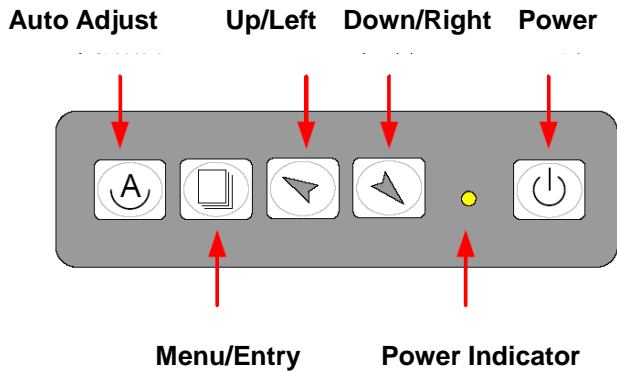
⏻ Power switch: To turn ON or OFF the power

▼ Shift the icon to the right side or shift it up

◤ Shift the icon to the left side or shift it down

⬚ Menu: To enter OSD menu for related icon and item.

Ⓐ Auto Button: One-touch auto adjustment

1.) Getting into Burn-in Mode

Before setting into a burn-in mode, first disconnect the AC power cord. Then press (don't let them go) the ▼ ◤ buttons until the AC power cord is connected and the "RGB" appears on the top left corner of your screen. Now it can be put into the burn-in mode for changing colors.

2.) Getting Out of Burn-in Mode

Before getting out of the burn-in mode, please first disconnect the AC power cord. Then press the ▼ button (If not workable, press the ◤ button and don't let them go) until the AC power cord is connected. Please don't let your fingers go until the AC power cord is connected again and the wording of "RGB" appears on the top left corner of your screen, and wait for 3 seconds. Under the non-signal entry situation, if **Cable Not Connected** is seen, exit is thus successfully made.

2.2 OSD Controls

To make any adjustment, select the following:

1. Press ▯ (Menu) to show the OSD menu or disable the OSD menu.

2. Select the icon that you wish to adjust with the (▼/▲ or +/-) key in the menu.

3. Press ▯ (Menu) and then choose the item with the (▼/▲ or +/-) key.

4. Press ▯ (Menu) and then adjust the quality with the (▼/▲ or +/-) key.

1.) If the "RGB" is still on the top left corner of the screen, press ▯ to enter "Miscellaneous" and

choose "Reset", and then **Yes,** and press ▯. When the screen goes black, disconnect power and repeat the above steps.

2.) If the "RGB" is not found, disconnect the AC power cord first. Then press the ⟳ ▲ buttons (don't let them go) until the AC power cord is connected, and wait for 2 to 3 seconds. When "RGB" appears, repeat the above steps.

3.) Functions of OSD Keys

2.3 Main Menu
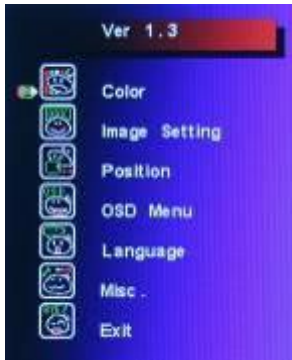
In the **Main** menu, there are the following items:
- Color
- Image Setting
- Position
- OSD Menu
- Language
- Misc
- Exit

For **Color**, check out the following:
- Contrast
- Brightness
- Color Adjust
- Color Temp
- Back

For **Image setting**, check out the following:
- Clock
- Phase
- Gamma
- Sharpness
- Back

In the **Positio**n, there are the following:

- H. Position
- V. Position
- Back

In the **OSD** menu, there are:

- OSD H. Pos.
- OSD V. Pos.
- OSD Timer
- Back

In the **Language** menu, there are:

- English
- Frances
- Germany
- Spanish
- Traditional Chinese
- Simplified Chinese
- Japanese

In the **Misc** menu, there are:

- Signal Source
  Select VGA: Analogue VGA Input
  Select DVI: Digital DVI-D Input
  Select AV: Composite Video Input
  Select SV: S-Video Video Input
- Reset
- Back

2.4 AD Board (VA-3600) OSD Functions

2.) Getting into Burn-in Mode

Before setting into a burn-in mode, first disconnect the AC power cord. Then press (don't let them go) the ▼ ◣ buttons until the AC power cord is connected and the "RGB" appears on the top left corner of your screen. Now it can be put into the burn-in mode for changing colors.

2.) Getting Out of Burn-in Mode

Before getting out of the burn-in mode, please first disconnect the AC power cord. Then press the ▼ button (If not workable, press the ◣ button and don't let them go) until the AC power cord is connected. Please don't let your fingers go until the AC power cord is connected again and the wording of "RGB" appears on the top left corner of your screen, and wait for 3 second. Under the non-signal entry situation, if **Cable Not Connected** is seen, exit is thus successfully made.

When the Burn-in Mode is Unable to Eradicate…

4.) If the "RGB" is still on the top left corner of the screen, press 🗇 to enter "Miscellaneous" and

choose "Reset", and then **Yes,** and press 🗇. When the screen goes black, disconnect power and repeat the above steps.

5.) If the "RGB" is not found, disconnect the AC power cord first. Then press the Ⓐ ◣ buttons (don't let them go) until the AC power cord is connected, and wait for 2 to 3 seconds. When "RGB" appears, repeat the above steps.

6.) Functions of OSD Keys

Auto Adjust   **Up/Left** **Down/Right** **Power**

Ⓐ 🗇 ▼ ◣ • ⏻

Menu/Entry   **Power Indicator**
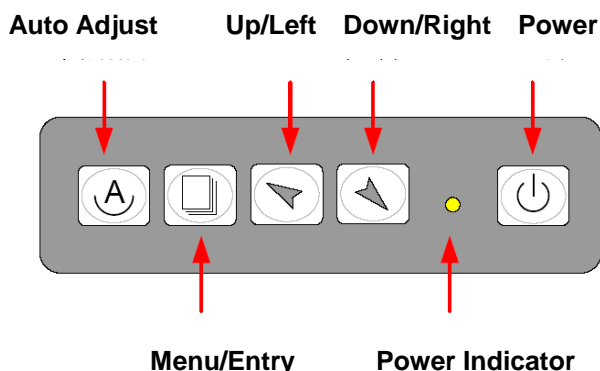
Chapter 3

3.1 Introduction to Control Board

This chapter describes how to install drivers and other software that will allow your Touch Screen Controller Board to work with different operating systems.   eGalaxy touch panel control board is a touch screen control board designed for USB interface and specific for touch screens. It is designed with USB interface features with multiple devices supporting function. It is designed for Projected Capacitive Touch Panel (PCAP) application; through glass touch sensing is ready for products that require a complete flat surface. It also can drive the touch panel to get two fingers touch function that based on the Windows 7 support.

Figure 3.1: Bird's Eye View of control board

3.2 Installation of Control Board

Before installing the Windows 2000/XP driver software, you must have the Windows 2000/XP system installed and running on your computer.

Chapter 4

## 4.1 Windows 2000/XP Driver Installation for eGalaxy Control Board

Before installing the Windows 2000/XP driver software, you must have the Windows 2000/XP system installed and running on your computer. You must also have eGalaxy Interface controller board installed.

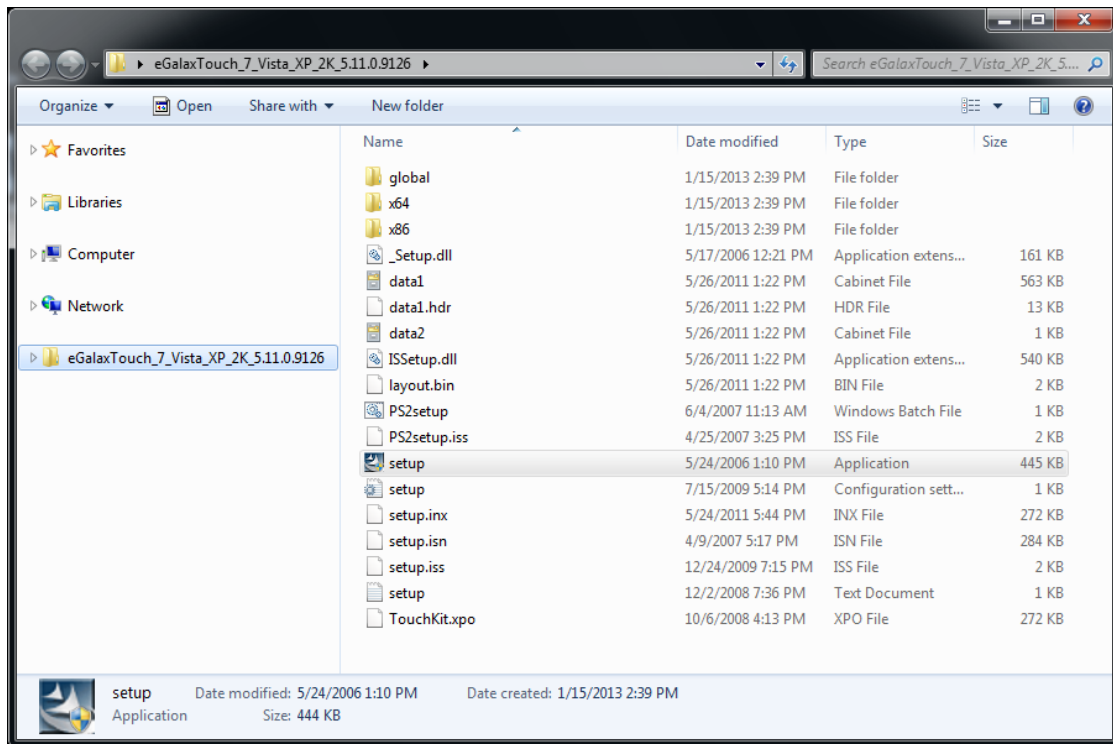Follow the steps below to install eGalaxy Windows 2000/XP driver.

Step 1. Insert the CD-ROM. Go to Driver folder. Click **Driver**.
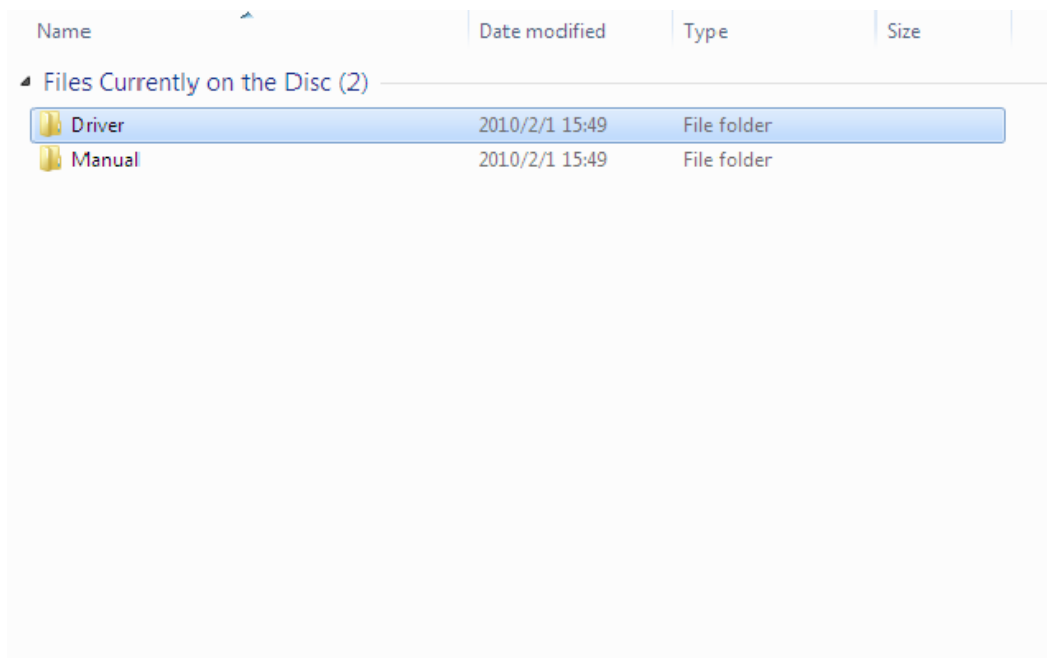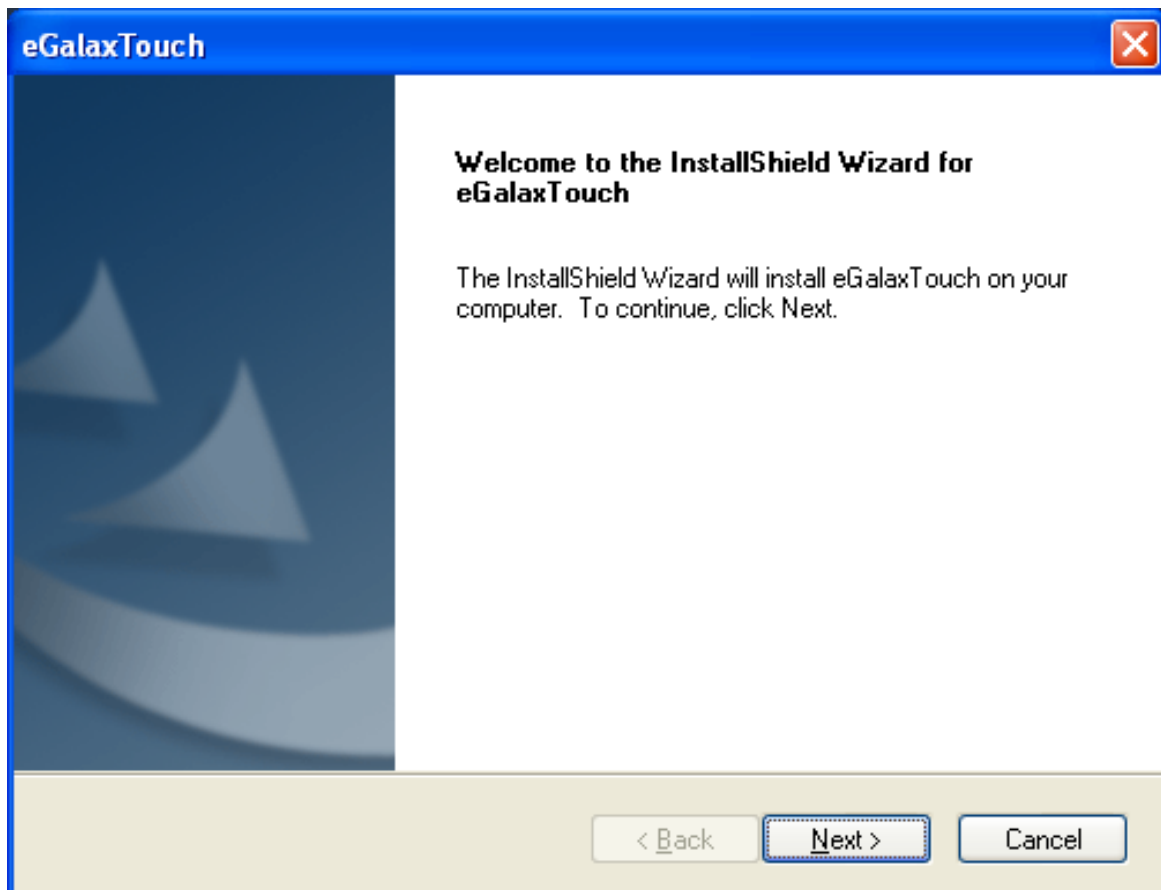

Step 2. There is eGalaxTouch, double click the folder.
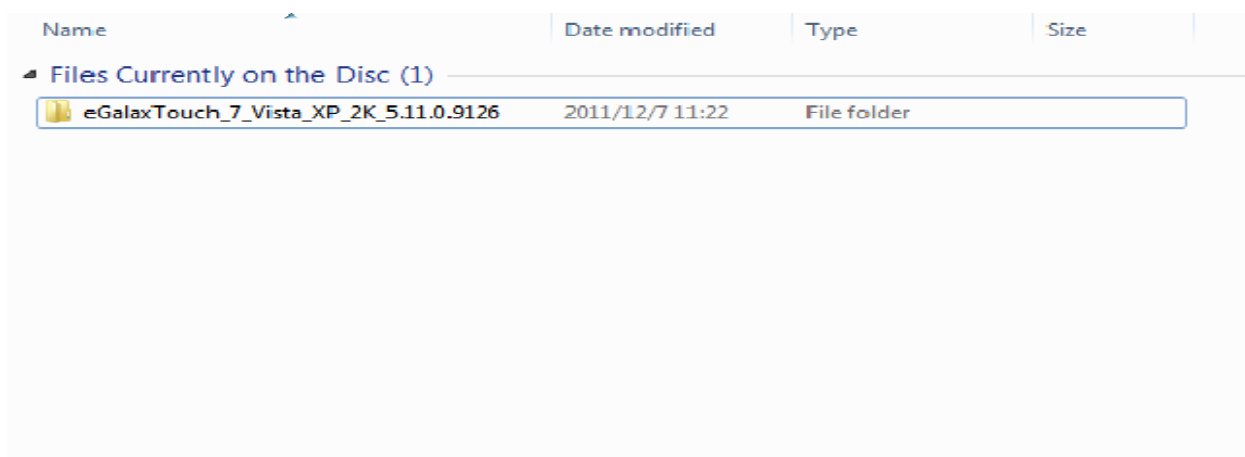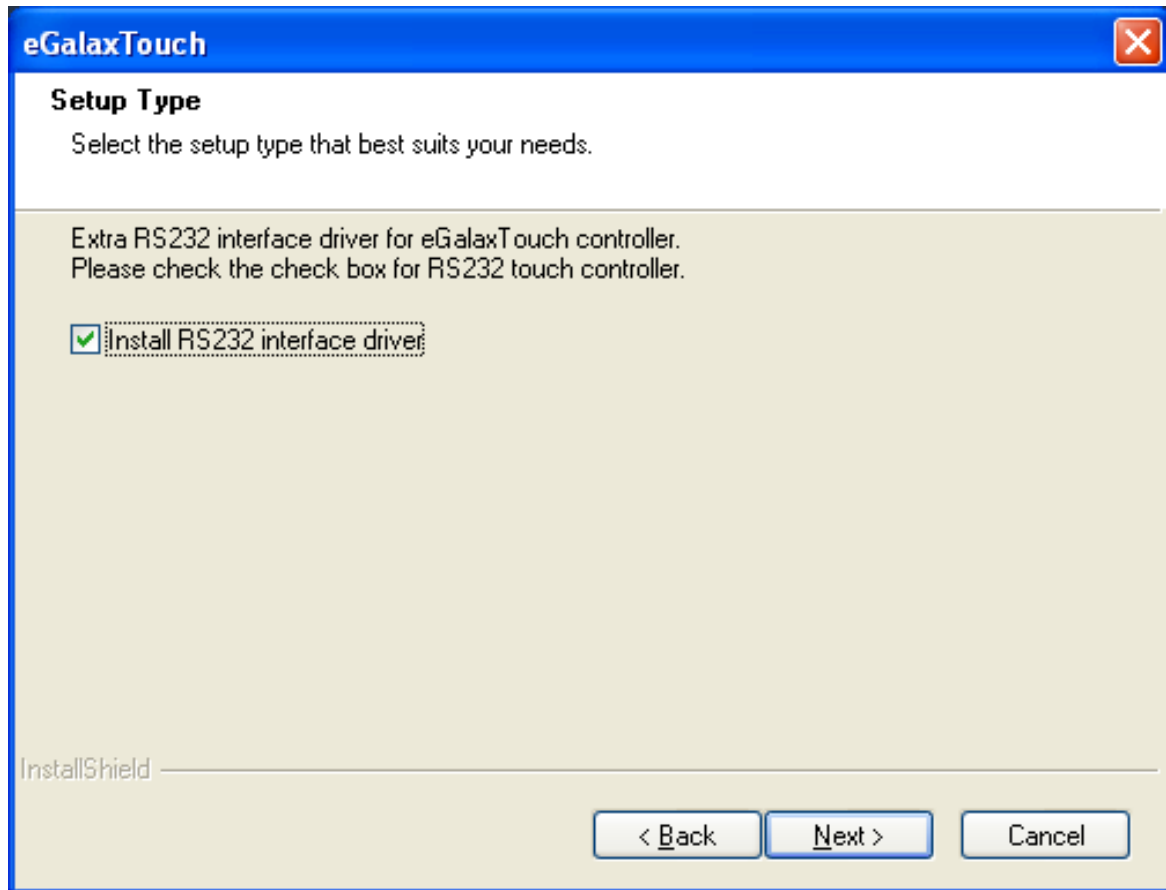
Step 3. Click **setup**.

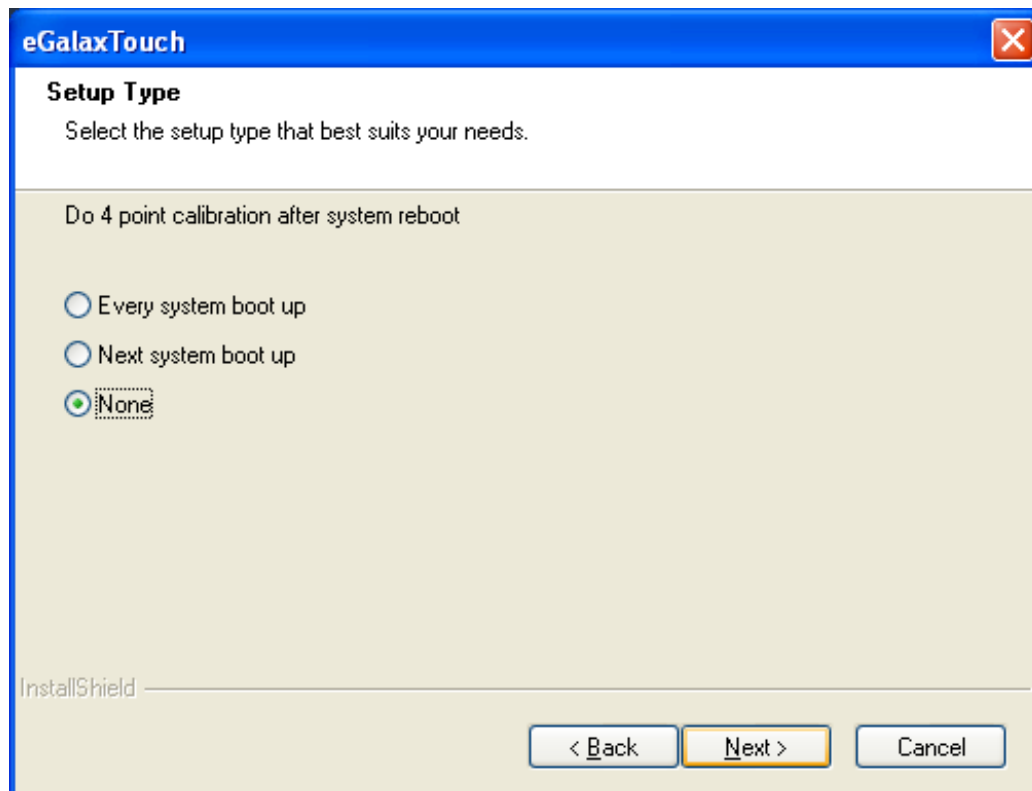# 4.2 Configuring eGalaxTouch Windows 2000/XP Driver

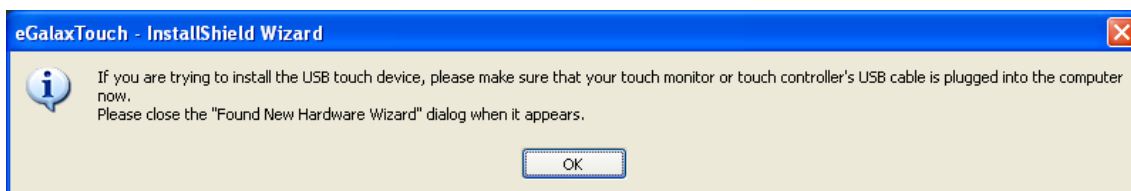After click **setup**, InstallShield Wizard screen appears click **Next** to continue.

**Step 1.** Tick **Install RS232 interface driver**. Then click **Next**.

**Step 2.** Select **None**. Then click **Next** to continue.

Step 3. Please make sure your touch monitor or touch controller's USB cable is plugged into the computer now. Click **OK** to continue the installation.
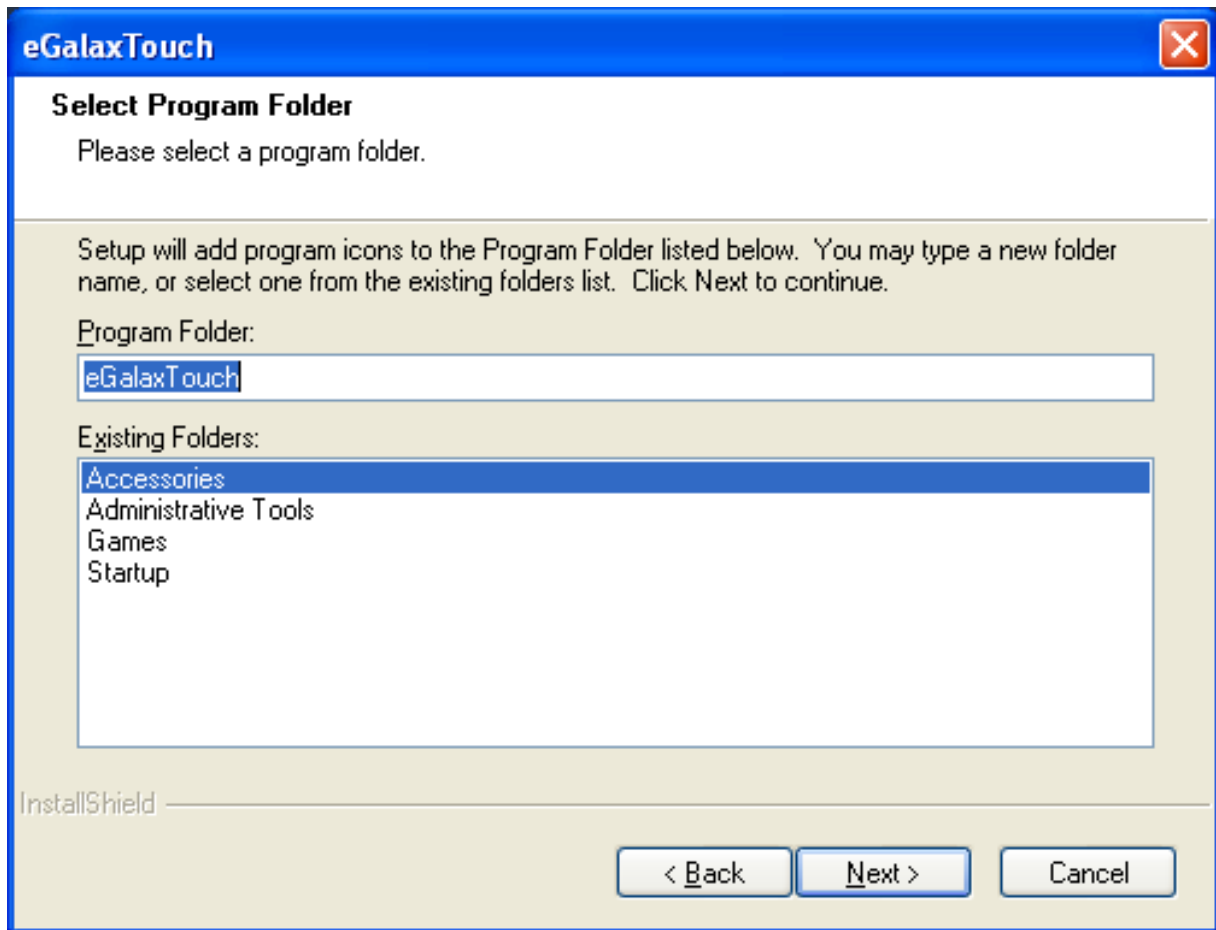

Step 4. If you want to use Multi-Monitor, check **Support Multi-Monitor System**. Then, click **Next** to continue the installation.
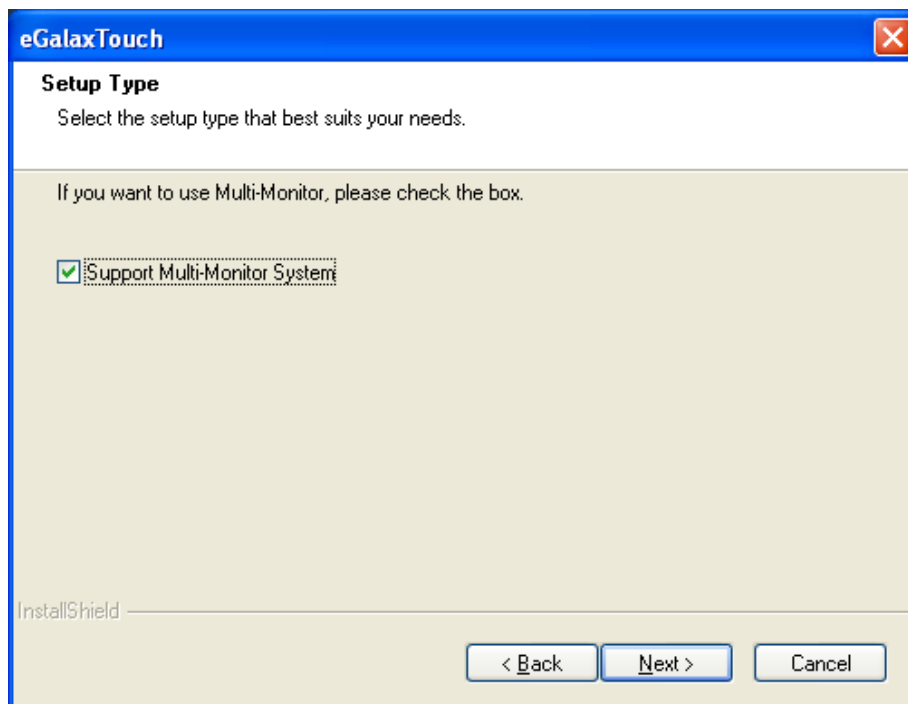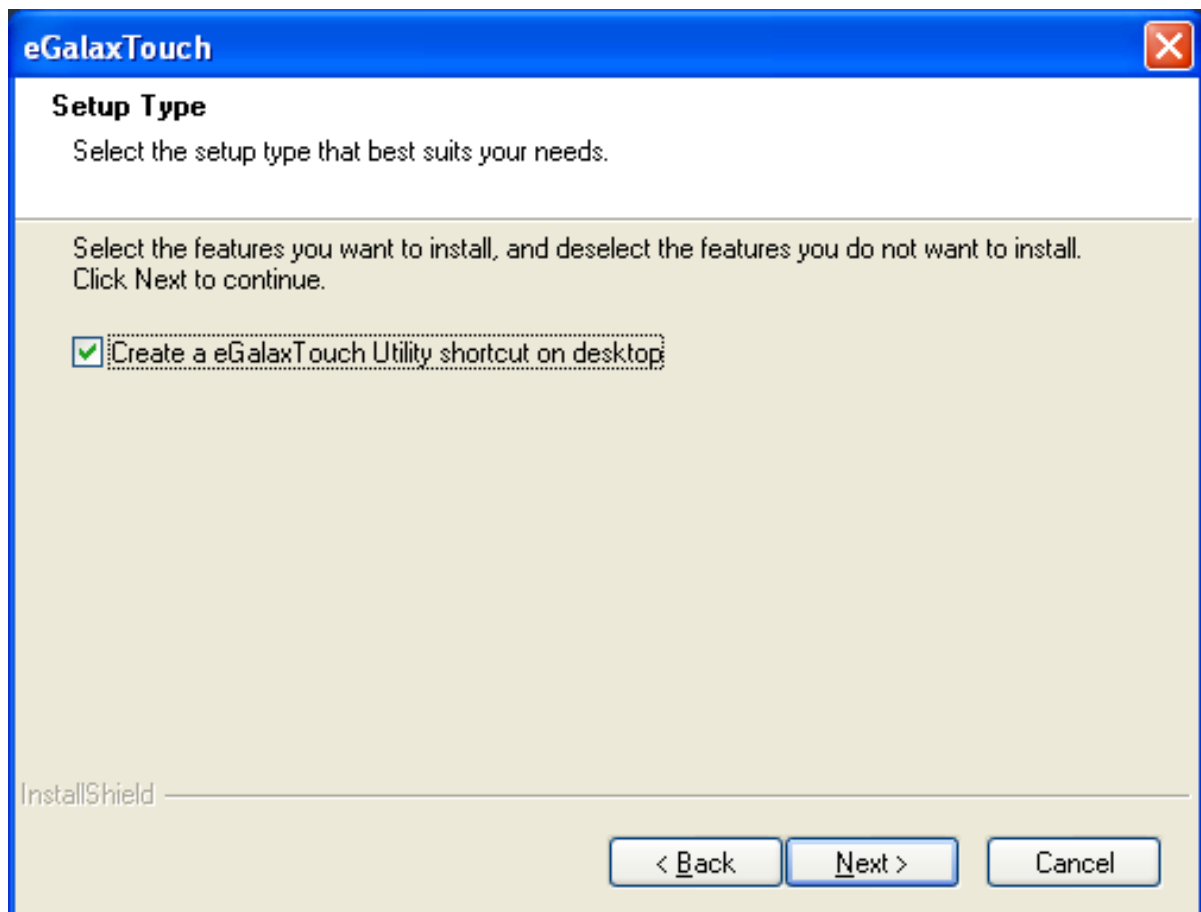

Step 5. Click **Browse** to create a new folder. Click **Next** to setup eGalaxTouch in the destination folder you want to install. Click **Next** to continue the installation.
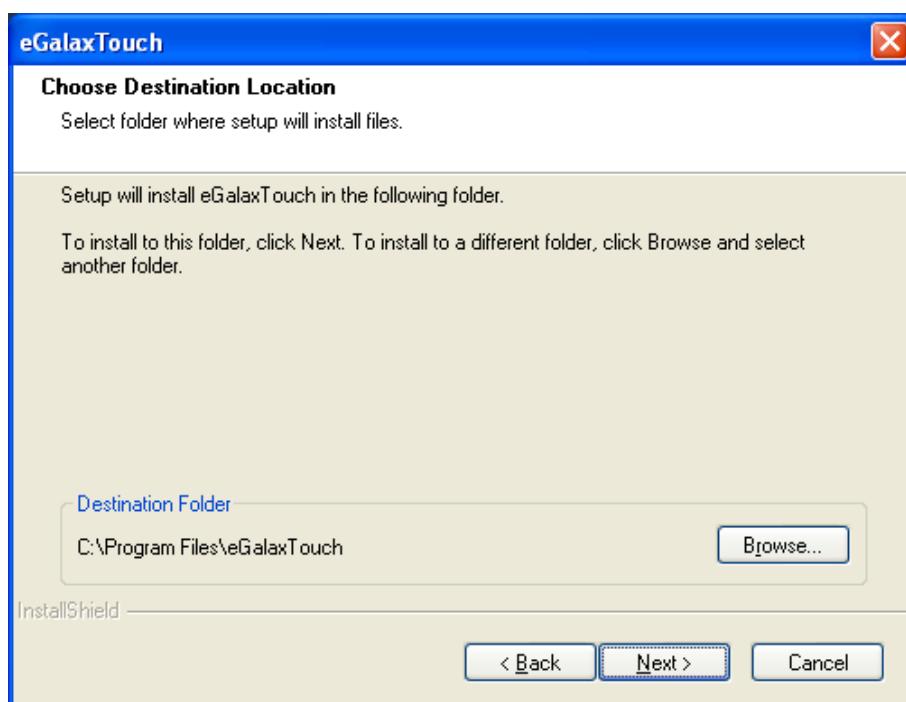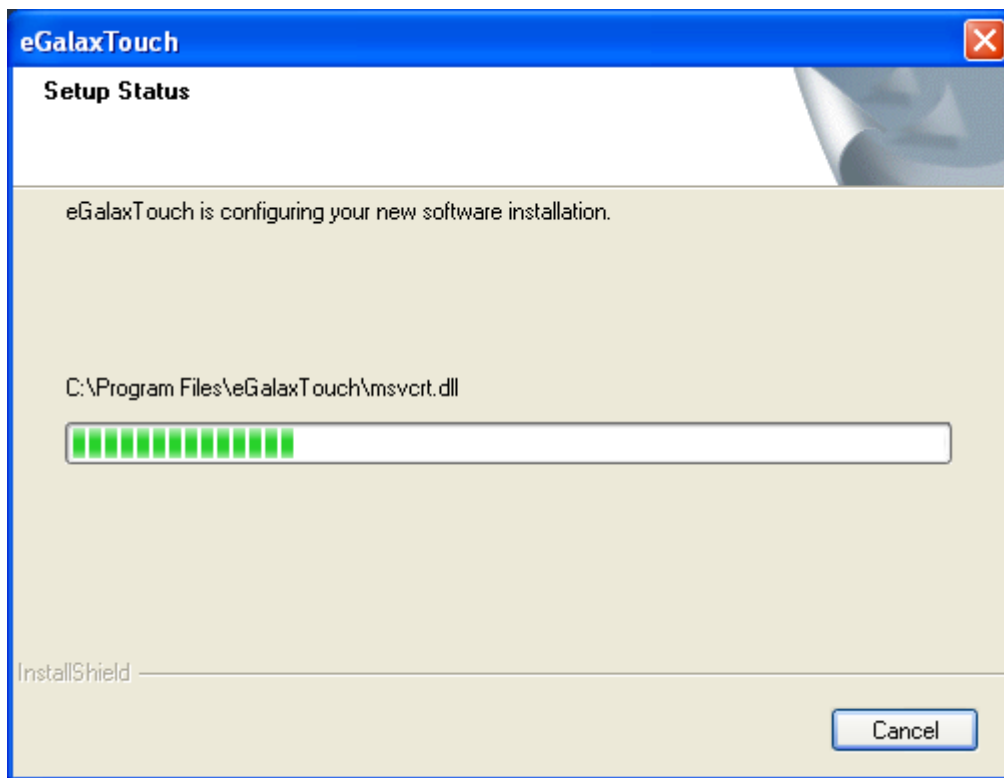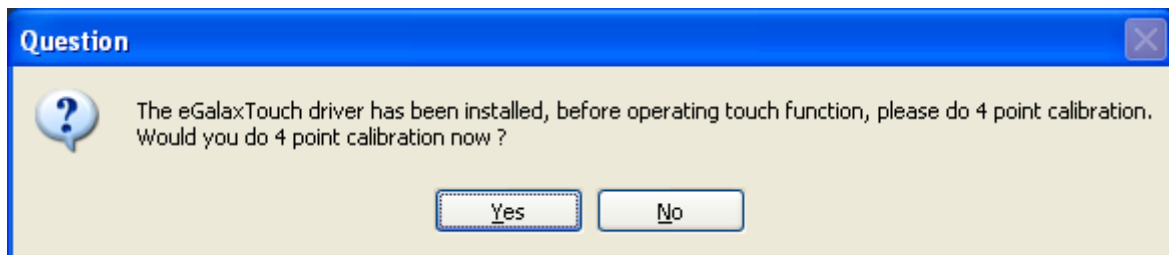
Step 6. Under eGalaxTouch, select **Accessories**.

Step 7. Check **Create a eGalaxTouch Utility shortcut on desktop**.   Click **Next** to continue.

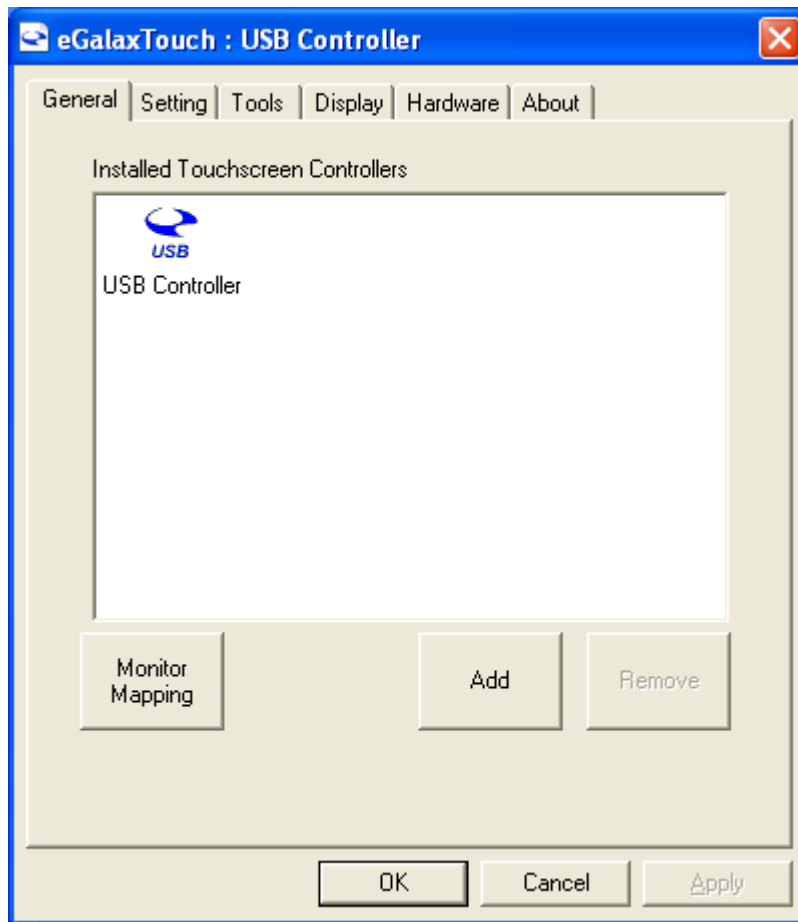**Step 8.** The installation files are extracted.

Step 9. eGalaxTouch driver has been installed. To do 4 point calibration, click **Yes** to continue.

5.2.2 Software Functions

General
In this window, you can see there is a USB Controller.   Click **OK** to continue.
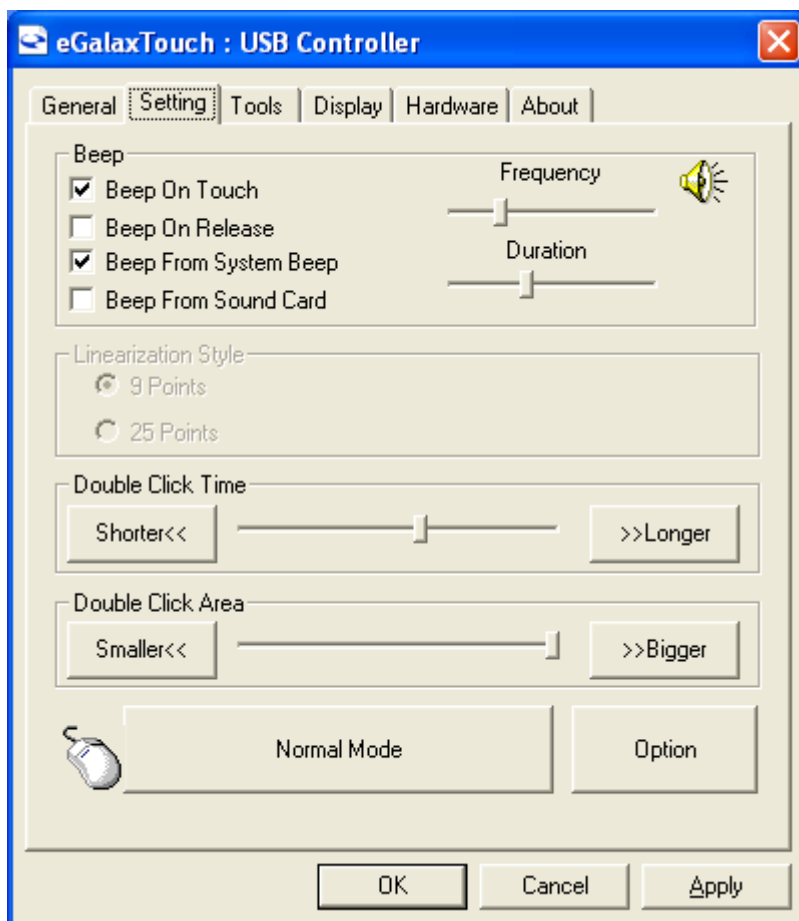

Monitor Mapping
   to adjust touch panel
Add
   to search for device

Setting Check **Beep On Touch** and **Beep from System Beep**, click **OK** to continue.

Beep

Beep On Touch: when you touch, it will beep.

Beep On Release: when you release, it will beep.

Beep From System Beep

Beep From Sound Card

Linearization Style

9 points

25 points

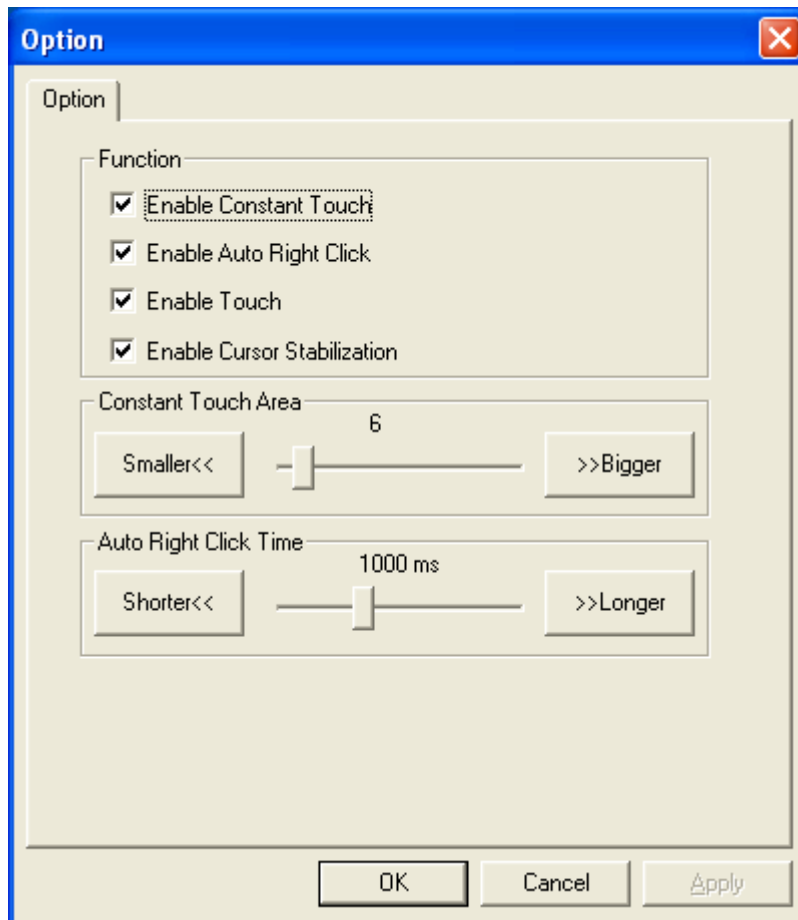**Double Click Time**

Shorter

Longer

Double Click Area

Smaller

Bigger

Normal mode

Simulate the mouse mode

Check **Enable Constant Touch, Enable Auto Right Click, Enable Touch, Enable Cursor Stabilization**.   Click **OK** to continue.

Option

    Function

    Enable Constant Touch
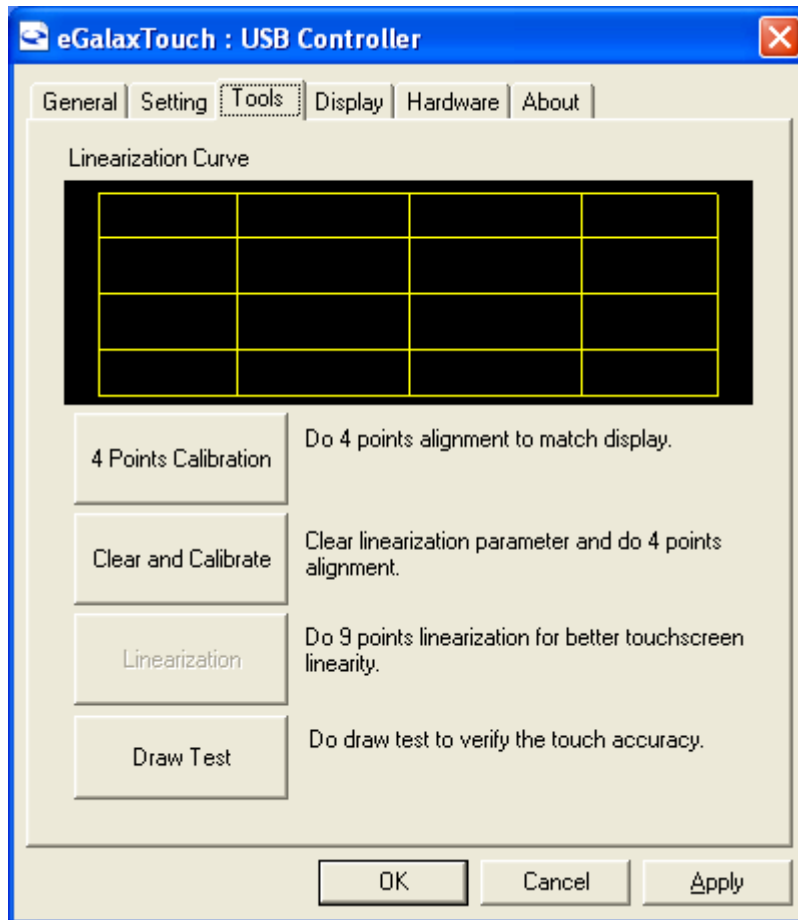
    Enable Auto Right Click

    Enable Touch

    Enable Cursor Stabilization

    Constant Touch Area

    Auto Right Click Time

Tools

Click **OK** to continue the settings.

4 Points Calibration

Do 4 points alignment to match display.

Clear and Calibrate

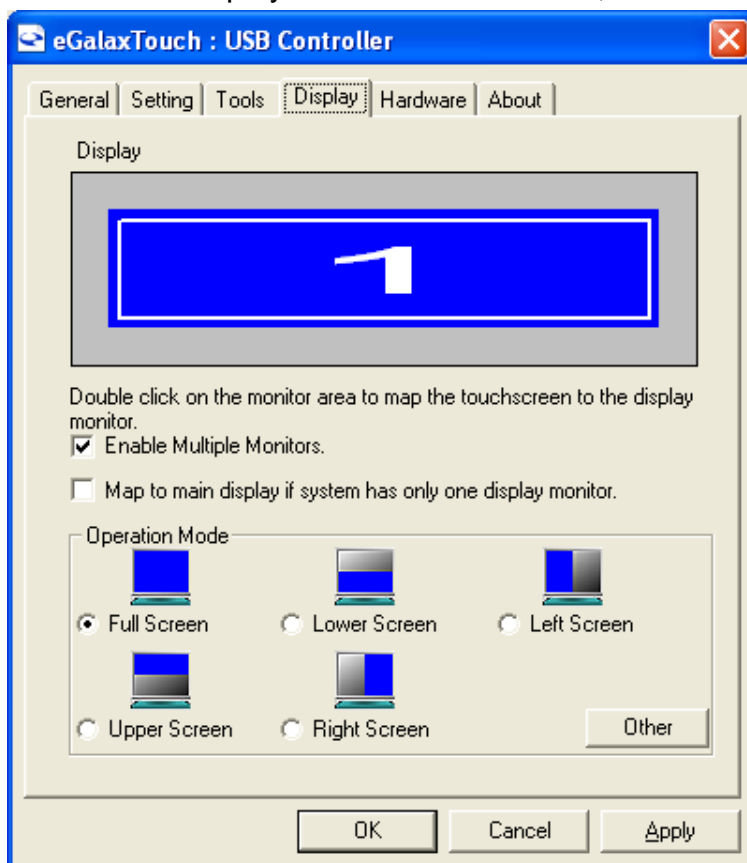Clear linearization parameter and do 4 points alignment.

Linearization

Do 9 points linearization for better touchscreen linearity.

Draw Test

Do draw test to verify the touch accuracy.

Display

In this window, it shows the mode of display.　Select **Full Screen**, click **OK** to continue.

Enable Multiple Monitors.

Map to main display if system has only one display monitor
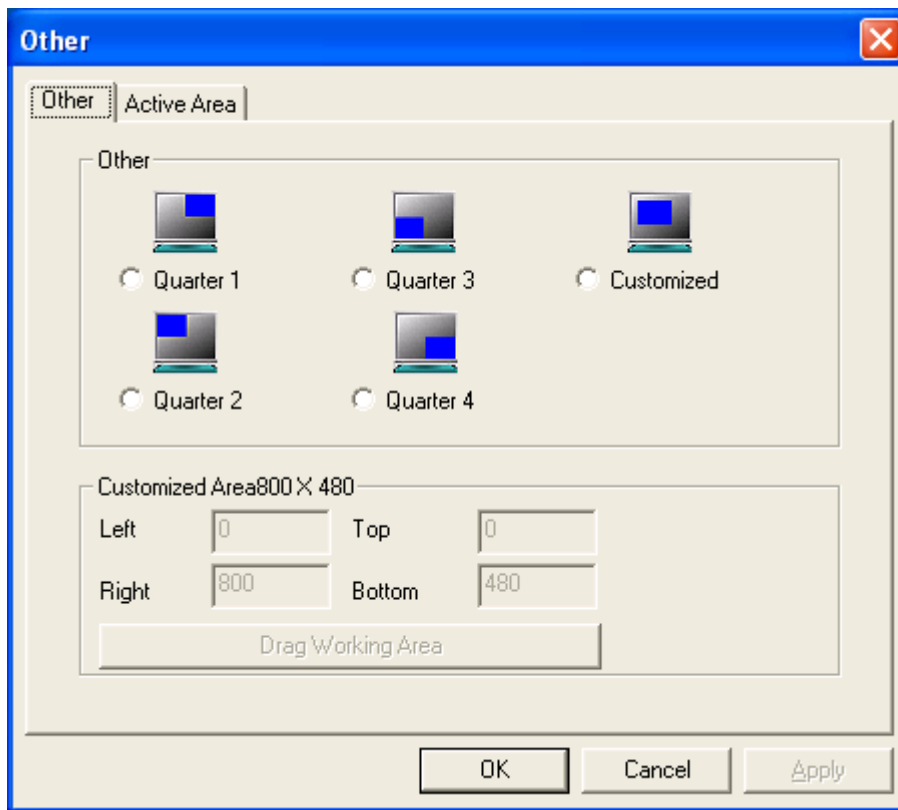
　　Full Screen

　　Lower Screen
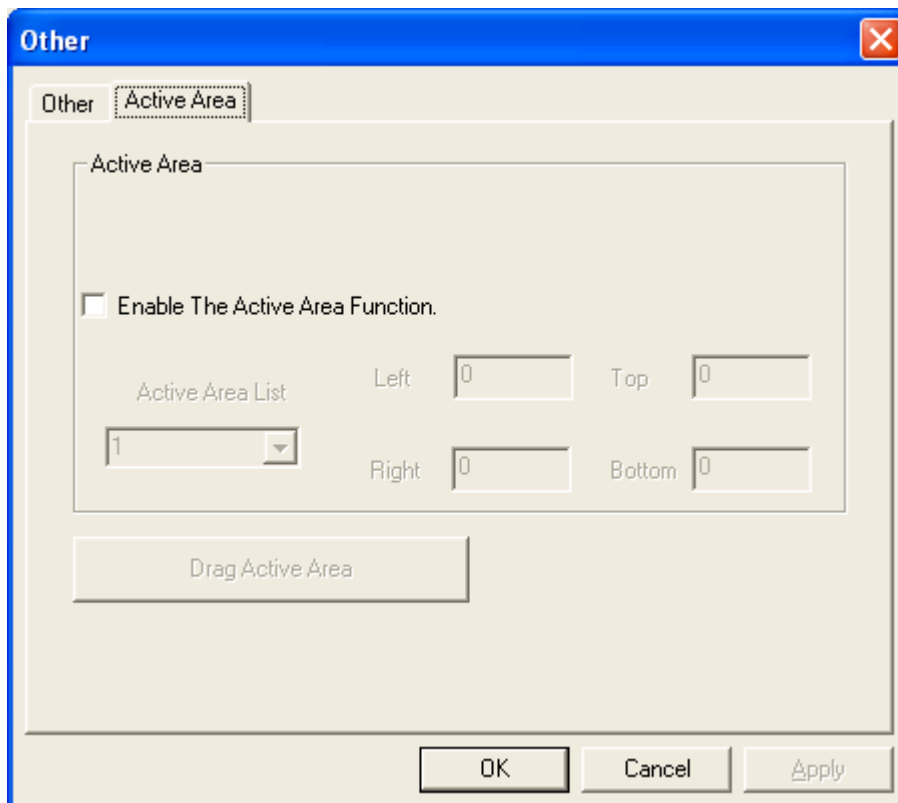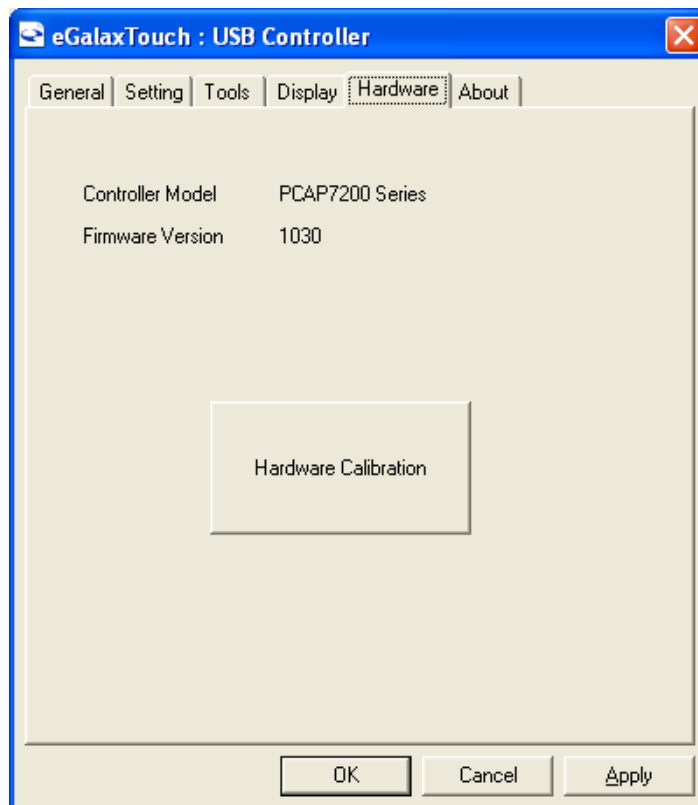
　　Left Screen

　　Upper Screen

　　Right Screen

Other

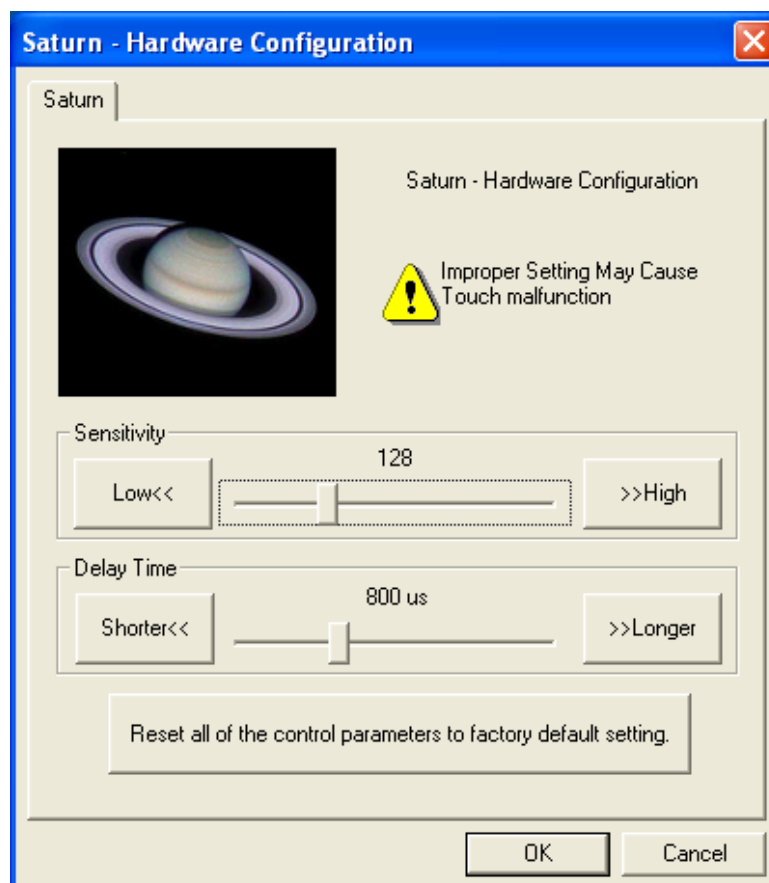Other mode of display. Quarter1~4 and Customized area.

Active Area

Drag active area to enable Active Area Function.

Hardware Click **OK.**

Hardware Configuration   Click **OK** to continue.

About

To display information about eGalaxTouch and its version.