



User Manual

TS-1710BF

Touch Screen Monitor

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Chapter I: Overview

Thank you for purchasing EC Line products; we are committed to continuously maintenance the product quality and providing better after-sales service. In order to take full advantage of our devices, we recommend read through this manual before the driver installation.

1.1 Safety Information

- TS-1710BF is fully compliance with the relevant requirements of the national standard GB/4943-2001 IT equipment security.
- Make sure the electricity meets the power requirements (such as voltage, frequency) before installation; and the grounding of the power outlet is running properly.
- Lightning may damage the product, unplug the network cable, power cable or any other conductors during lightning storms.
- Do not unplug the components and connections (except for the USB device) when the power is on.
- Do not open the cabinet of the product by a non-professional technician.
- Do not leave any item or liquid inside the product; do not place any objects into the ventilation holes, it may cause short-circuit of the internal components and may cause fire or electric shock.
- In accordance with the relevant explanation in national standards GB/T9813-2000 microcomputers general specification. After the computer is below the temperature of 10 ° C of environment storage, please place the machine in room temperature (10-35 ° C) conditions for more than two hours to avoid damage from low temperature. In the meantime, please do not remove the packaging and allow the computer to restore the natural temperature, and avoid heating up too fast to cause the computer to generate the occurrence of frost and condensation that might bring electrical damage.
- Strict compliance with the electrical appliance standard;
- Safe use voltage range: 100V ~ 240V & 50Hz/60Hz;
- Verify that the power outlet is available to connect to a reliable ground;
- Keep the device clean, dry, away from dust, moisture and direct sunlight;
- Do not share the same power outlet with high-power consumption electrical devices, keep distance from high level magnetic interference;
- Power off the monitor after use as to extend using life;
- Do not use sharp points, draw, cut the touch screen to ensure the normal use of it;
- Switch off the power supply before plug / unplug the communication cable or connect to an external device;
- Non-professional and technical personnel is not allowed to open the machine, otherwise take upon the consequences;

When the following occurs:

- Liquid penetrate into the body of the monitor
- Monitor accidental damage
- Monitor produces a burning smell
- Monitor shows sudden abnormal

Disconnect the power supply immediately, unplug the power cord and contact a qualified service technician to do service.

1.2 Electromagnetic Compatibility Statement:

- TS-1710BF is fully compliance with the relevant requirements of the national standards (GB/9254-1998) “The limits and measurement methods of radio disturbance characteristics of information technology equipment” for Class B products.
- TS-1710BF is fully compliance with the relevant requirements of the People's Republic of China's national standards of (GB/17625.1-2003) “Electromagnetic Compatibility Limits for harmonic current emission limits” for Class B products.

Chapter II: Installation Guide

2.1 Appearance of TS-1710BF Touch Screen Monitor:



2.2 The Rear Panel I/O Signs and Description:

A row of the external device connection interface is located at the rear bottom panel of the monitor, such as: power outlet, Line in, VGA and USB interface, detailed as follows:



TOUCH USB: this is connected to PC' s USB Ports, used for touch function

DC out: 12V Dc output to other device

DC in: 12V DC in, power supply for the touch monitor

VGA in: This is connected to PC' s VGA output port

Audio in: This is connected to the PC' s audio out port (optional)

Key function:

Menu: Press this button to get a pop-up OSD menu, and enter then (function) highlighted while the OSD menu is activated

POWER: Turn the LCD power on and off. When the power in on, the light is show green, stand by will show red

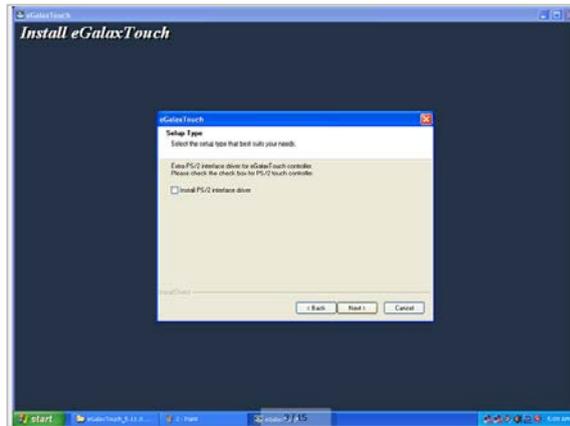
UP: Press this button to increase the value of the function selected or move to the previous function

Down: Press this button to decrease the value of the function selected or move to the previous function

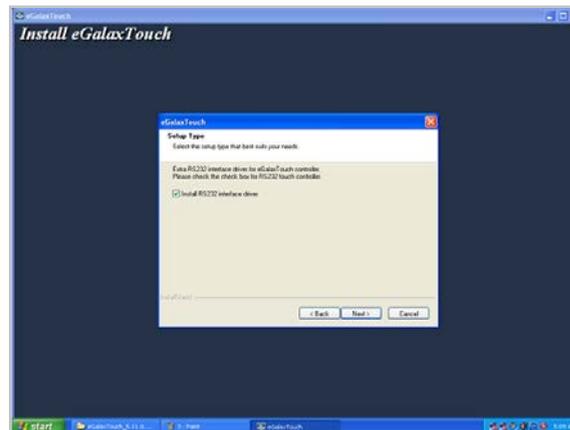
Enter: Press this button to apply the monitor setting automatically and Exit the OSD menu

TS-1710BF touch screen monitor is using the manual handle design which is able to be adjusted within the range of 0 degrees to 90 degrees to make the operation more humane.

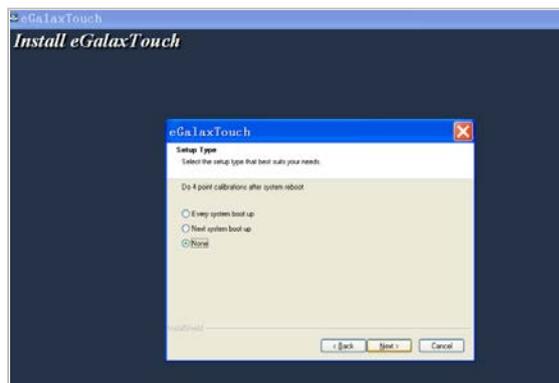
Step 4: Click “install PS / 2 interface driver” and click Next to proceed installation



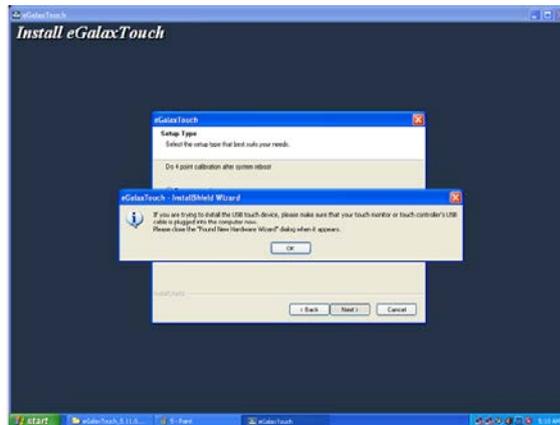
Step 5: For the touch interface is RS232, click “install RS232 interface driver” and click Next to proceed installation.



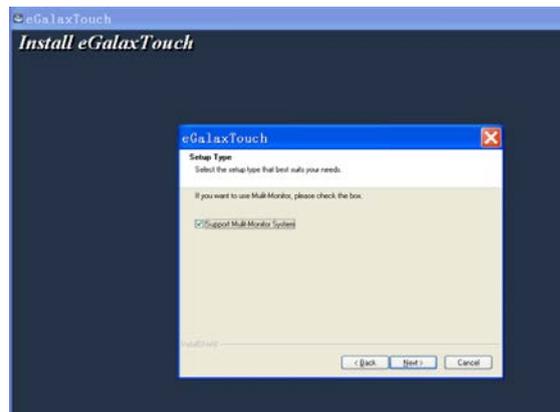
Step 6: When choosing the calibrations, select NONE, click Next to proceed installation.



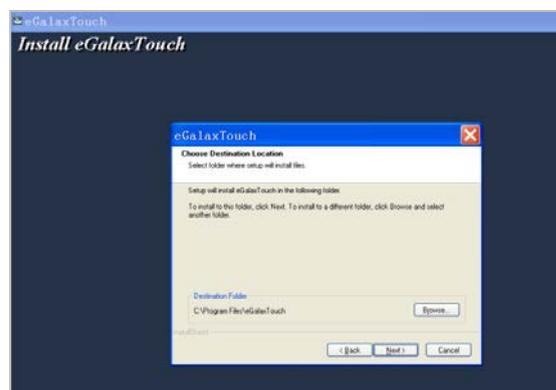
Step 7: When installing USB touch, please connect the USB controller and USB cable



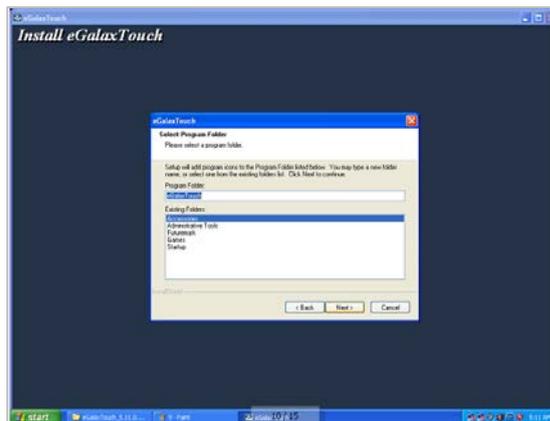
Step 8: When there are two or more touch screen, please tick “Support multi-monitor system”.



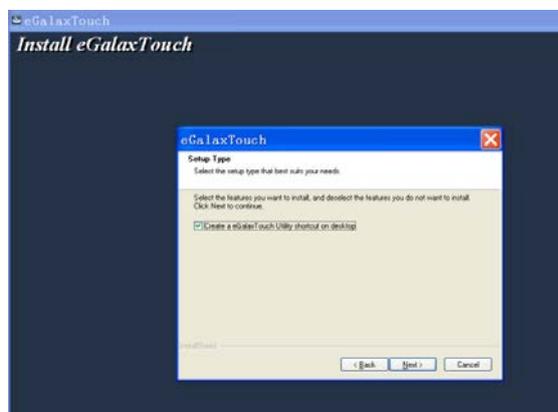
Step 9: Select the destination location to store the driver, the default path is C: \ Program Files \ eGalaxtouch; we use the default path here, click Next to proceed to installation.



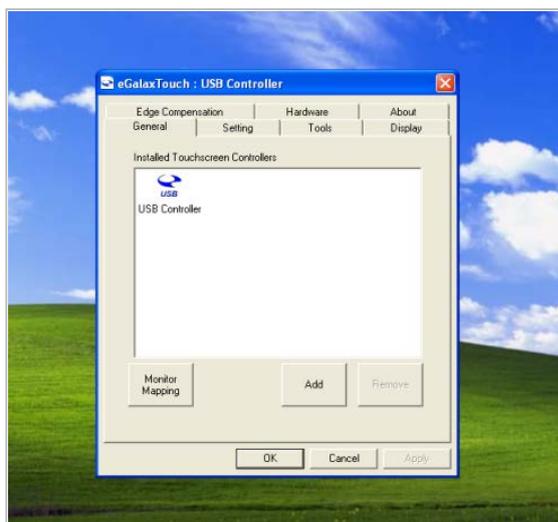
Step 9.1: Click Next to proceed to installation



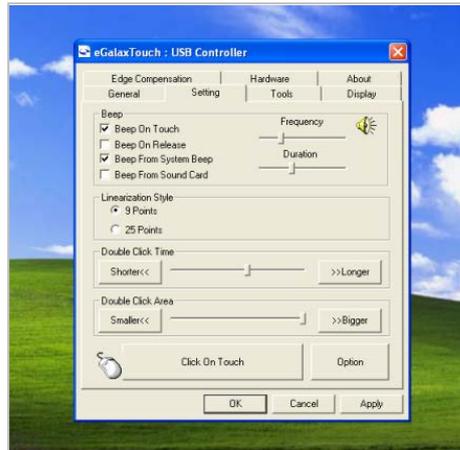
Step 10: Check the message to create a desktop shortcut icon in the following figure



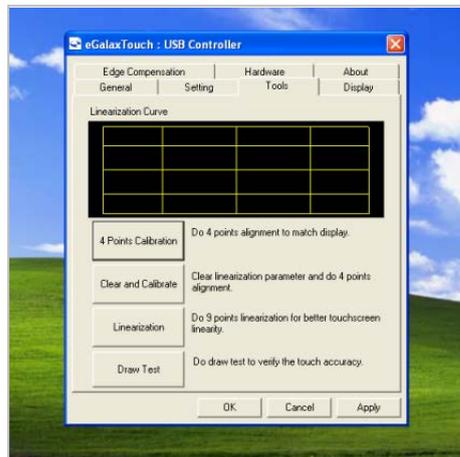
Step 10.1: After install the driver successfully, identify the USB controller card and RS232 control card as the following two figures shows.



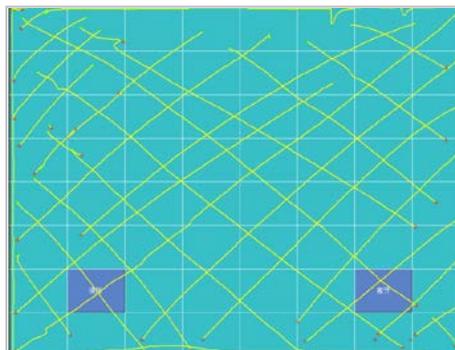
3.2 Related Touch Function Setting



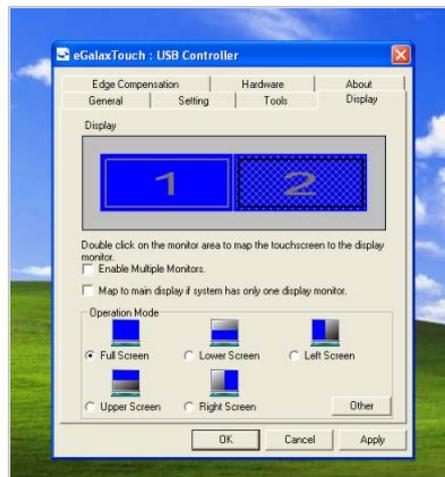
3.2.1 Touch Calibration



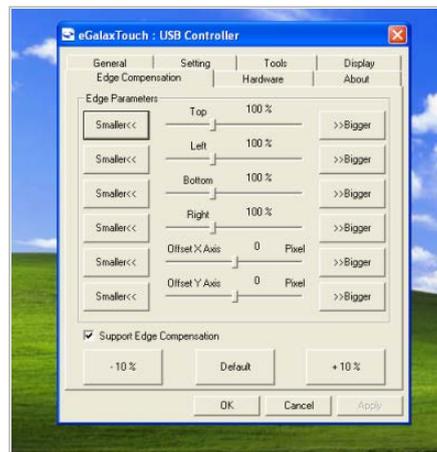
3.2.2 Touch Device Line Test



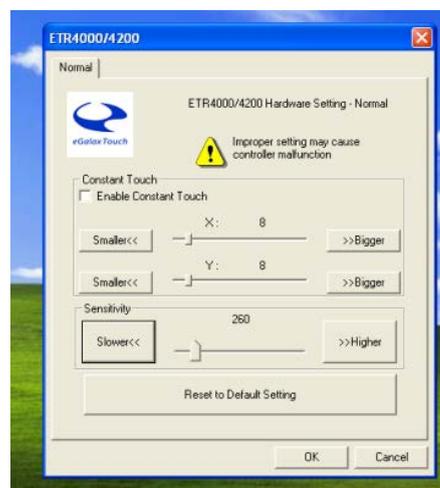
3.2.3 1st or 2nd Touch Screen Setting



3.2.4 Touch Device Edge Correction Setting



3.2.5 Touch Device Hardware Information Display



Chapter IV: Common Faults and Exclusion

1. No display on the screen

- i) Power saving mode is on, press any key on the keyboard or move the mouse to deactivation.
- ii) The pins of the VGA cable connector are bent or lost contact to the VGA interface, change the VGA cable. If problems still exists, bring the unit to the service provider.

2. Characters look too dark or to light

Using OSD Menu to adjust the brightness

3. When your monitor needs to be adjusted?

The resolution of frequency is unclear

4. The text appears on the screen are unclear

Make sure the resolution or refresh rate are matching with the Display Mode

5. Touch panel doesn't respond

Make sure the touch screen driver is installed properly into your PC system and calibration is done.

Manufacturer: EC LINE

Thank you very much for using EC Line product

For service, please contact service@ecline.com.hk

www.eclinepos.com