

User Manual / Installation Guide

Model No. P104TR / P104TG / P104UR / P104UG

Warning! This monitor is equipped with Mini USB port, signals and power is obtained from standard USB 2.0 or USB 3.0 port. Do not expose this unit in the rain or moisture environment to damage the monitor.

PRECAUTIONS

- Do not use the monitor near water.
- Do not place the monitor on an unstable cart, stand, or table. If the monitor falls, it can injure a person and cause serious damage to the appliance. Use only a cart or stand recommended by the manufacturer or sold with the monitor. If you mount the monitor on a wall or shelf, use a mounting kit approved by the manufacturer and follows the kit instructions.
- The monitor should be operated with an USB cable with Mini USB B type connector on monitor end and standard USB A type connector on the other end to PC or USB signal source.
Normally it is packed with monitor.
- Never spill liquids on the monitor.
- Do not attempt to service the monitor yourself; opening or removing covers can damage to the monitor or panel. Please refer all servicing to qualified service personnel.
- For Wall mount adaptor, wall socket shall be installed near the equipment and shall be easily accessible.



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I. Introduction:

P104TR / P104TG / P104UR / P104UG are color TFT LCD monitor, with compact and ecological design.

P104TR is an USB input Monitor with EETI controlled resistive touch screen and USB Hub

P104TG is an USB input Monitor with USB Hub.

P104UR is an USB input Monitor with EETI controlled resistive touch screen

P104UG is an USB monitor, no touch screen and no USB Hub function

➤ **Features**

- 10.4 inch diagonal screen with native display resolution 800 * 600.
- Full flat front panel with high quality protective glass. (only P104TG / P104UG)
- 5 wires resistive touch panel (only touch screen models, P104TR / P104UR)
- USB 2.0 Hub (only P104TR/P104TG)
- Auto-increase brightness : (only P104UG)

P104UG is basically USB powered for mobile use,

Brightness will auto-increase by using external power adaptor

- Fully Glossy surface throughout monitor's appearance.
- No ventilation hole design.
- Cable management down routing through the mounting stand
- Light weight, only 1320 g physically.

➤ **Unpack the monitor**

- Put the monitor on a clean surface; make sure the box in upright position.
- Remove packing materials from inside of box.

➤ **Check accessory**

Please make sure the entire accessory is included:



USB cable



User Guide & Driver CD



AC-DC Power

Adaptor

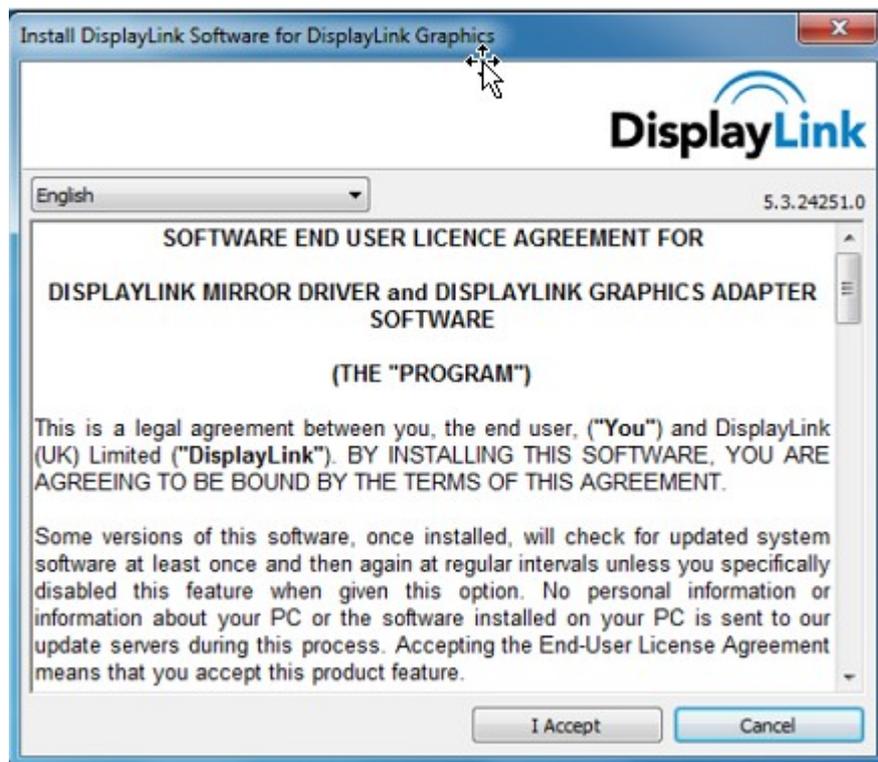
II. Installation:

➤ **Installing the DisplayLink USB Graphics Software (for Windows OS)**

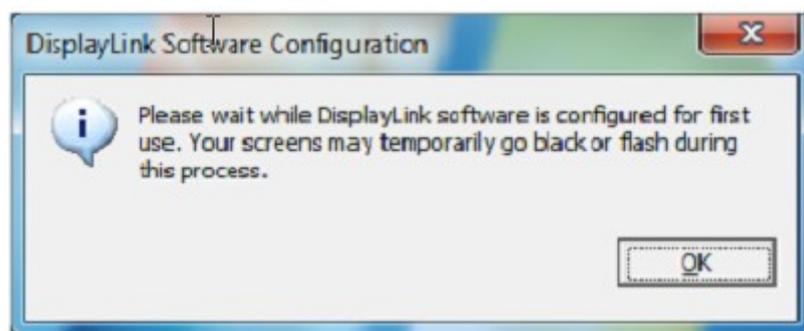
Install Displaylink Driver: Insert CD, Double click CD, the Installation menu shown as below.



Click Installation The Displaylink software end user Licence agreement shown as below:



Click I Accept, the Displaylink Core Software installs



Displaylink USB Graphic software installation will complete without notification.

Note 1: On some computers you may need to reboot before you can use your Displaylink enabled device

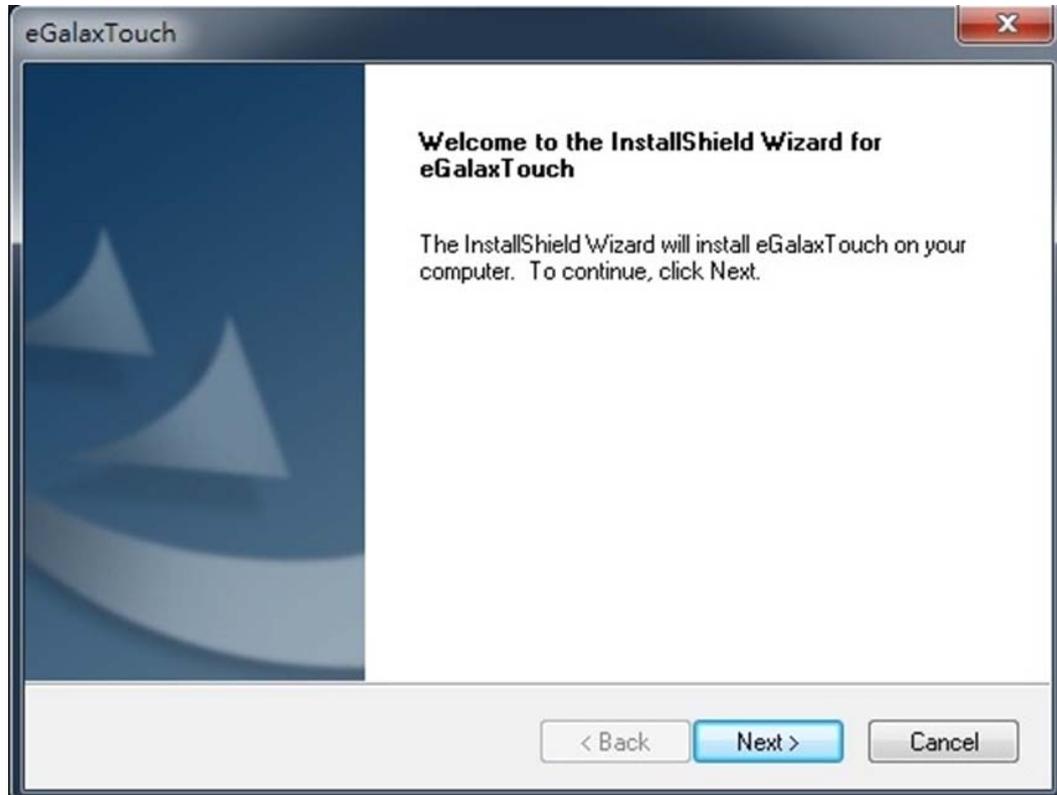
Note 2: For operating system other than Windows, please visit DisplayLink website:

<http://www.displaylink.com/support/downloads.php>

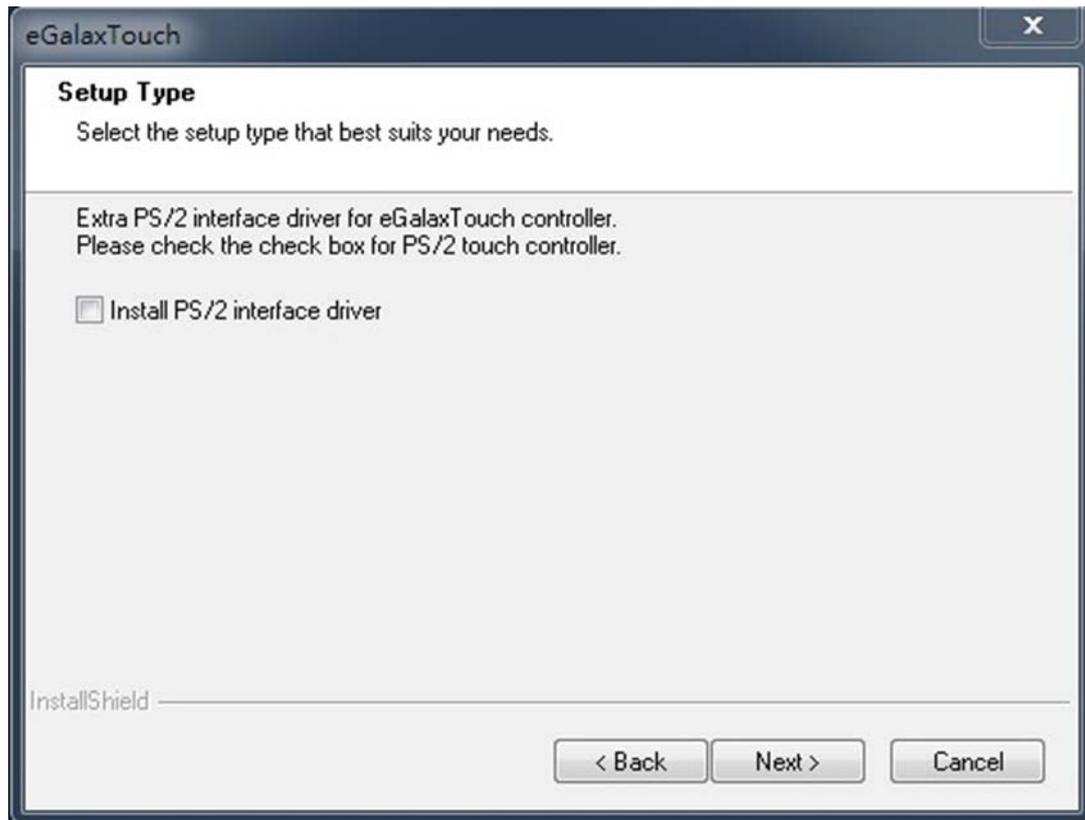
Install EETI Touch Driver (For Touch screen monitor P104TR / P104UR only)



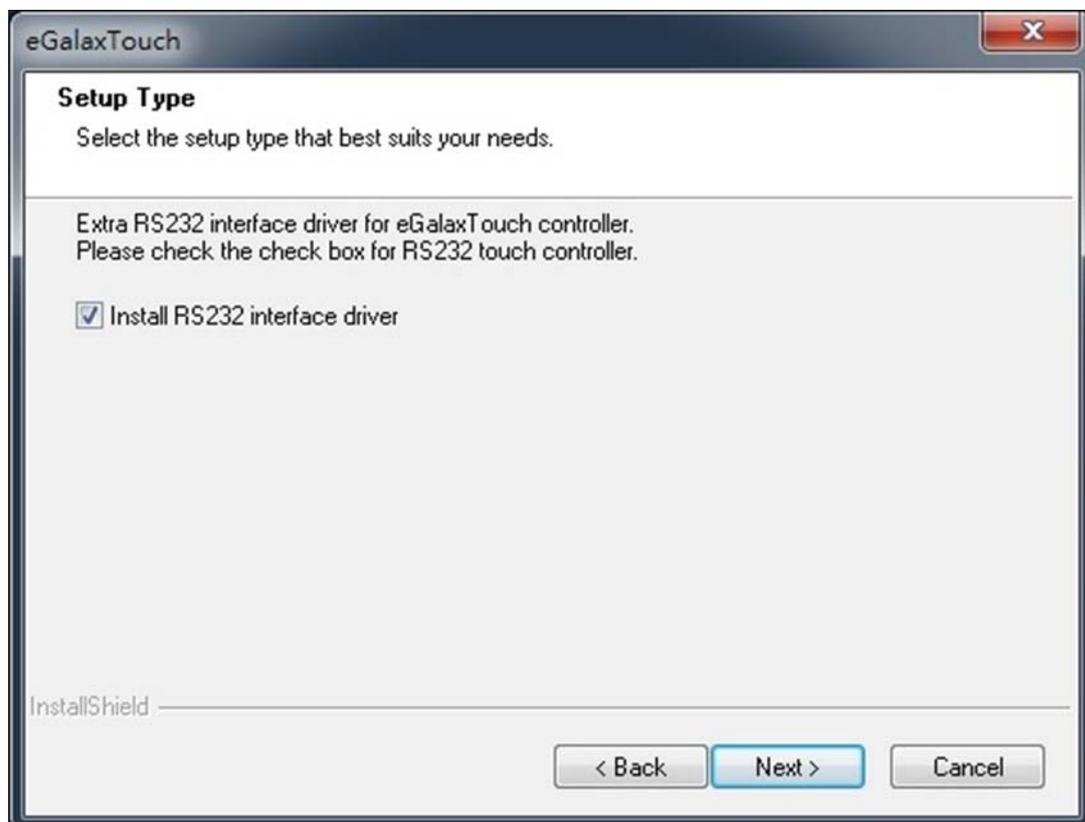
Screen display as below, please click Next.



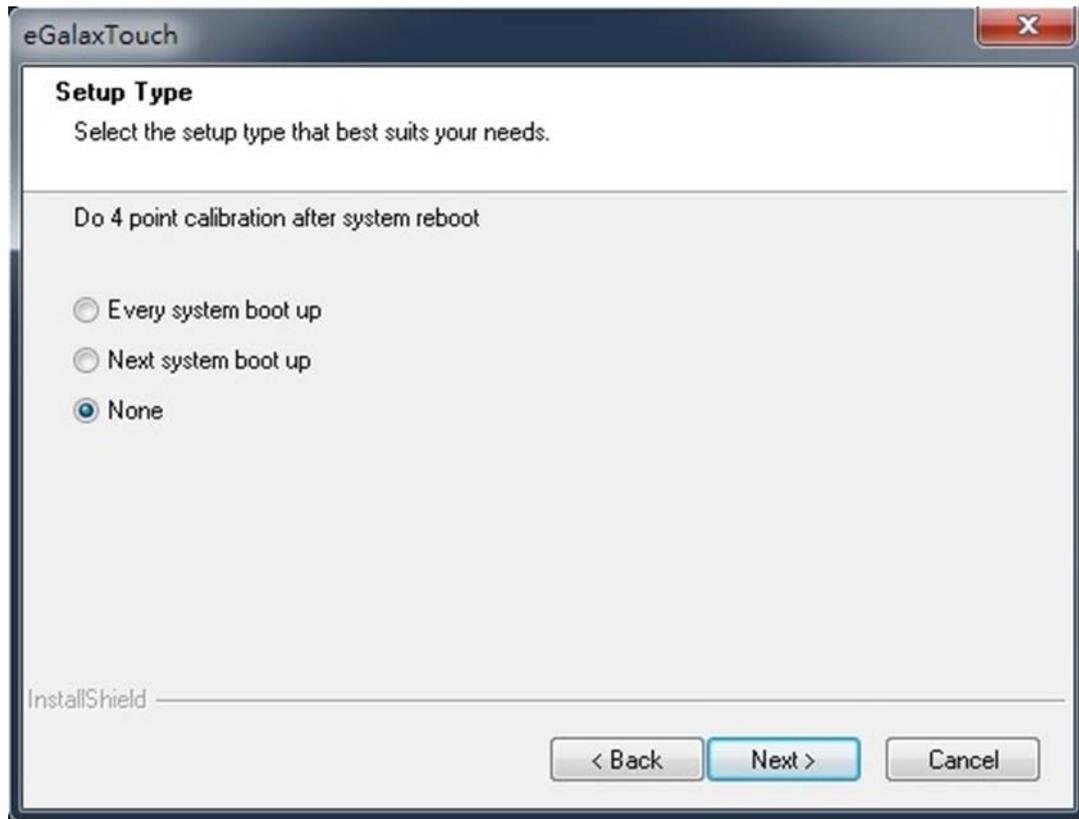
Select the set up type, don't tick the box if PS2 interface is not required,
Click "Next>



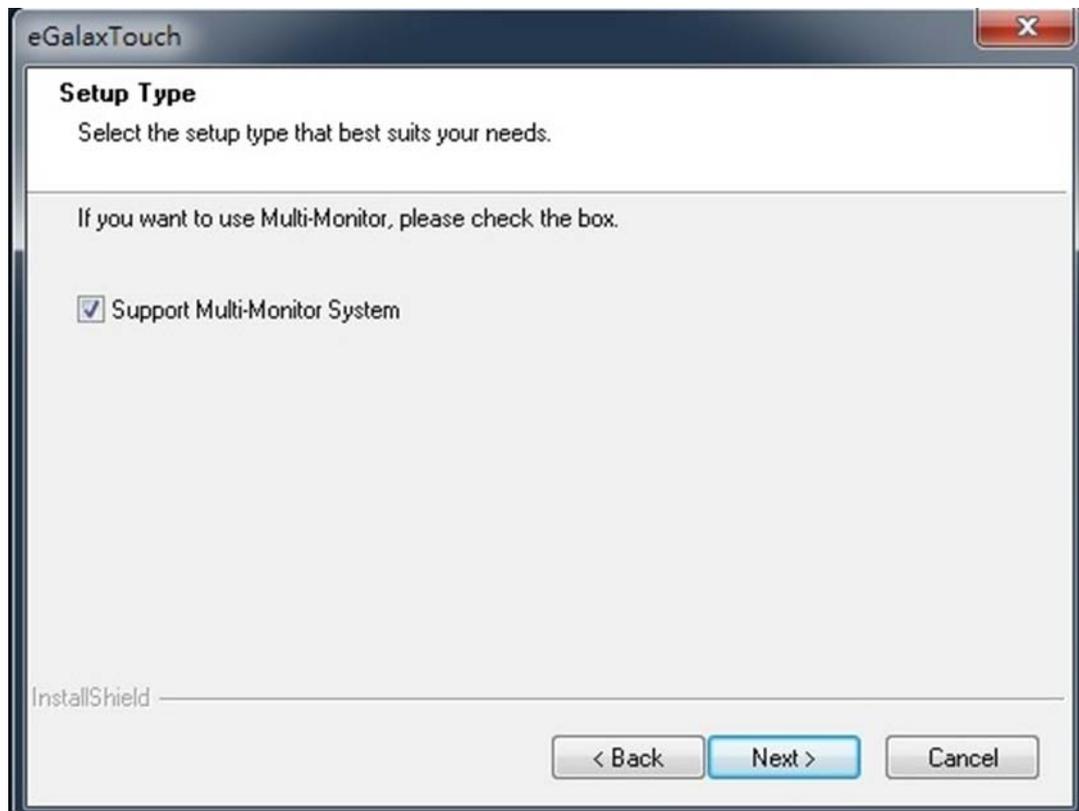
RS232 interface driver installed is default, please click Next>



You can select to do Touch screen calibration after system boot up or not
Default setting is "None"

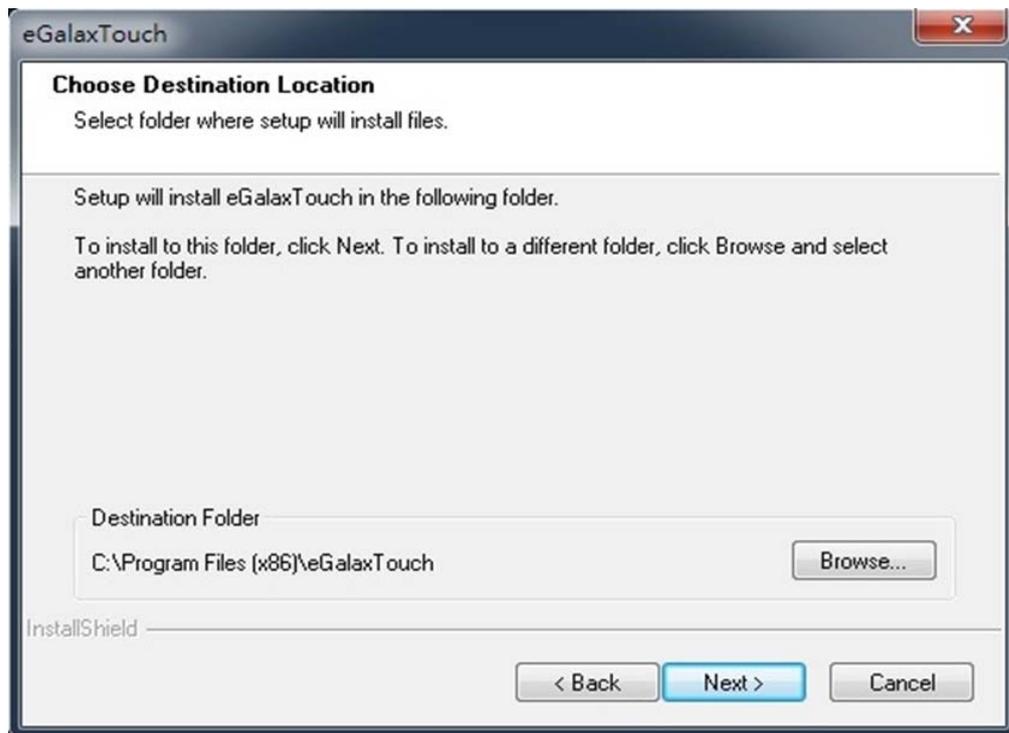


Select to use Multi-Monitor system, then press Next>

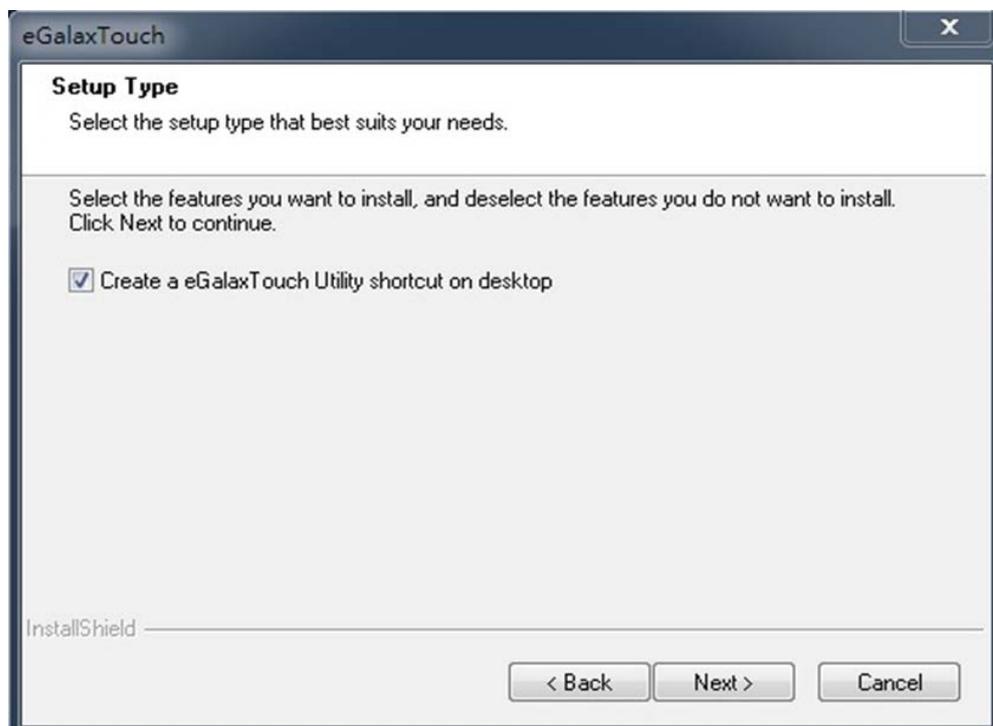


Choose destination location, default folder location shown as below.

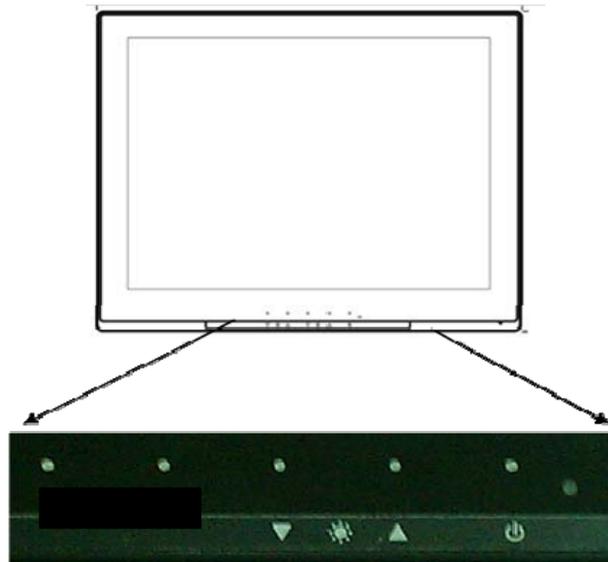
Press Next>



As Figure shown below, please press Next> to complete installation

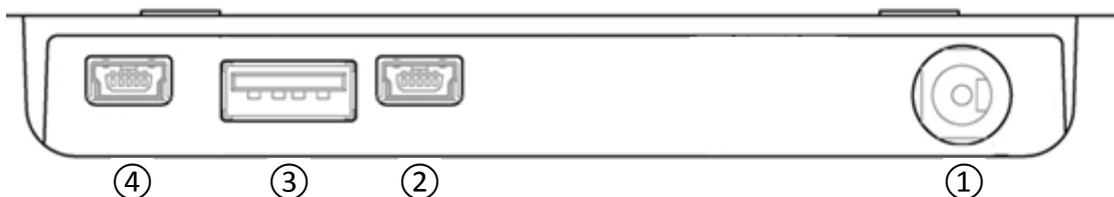


➤ **Control Buttons/Connectors**



Power ON/OFF		After USB driver is installed, connect monitor to PC via USB cable. Press power key to turn on /turn off the display Blue LED indicate power on
Up		Press this key will increase screen brightness
Down		Press this key will decrease screen brightness

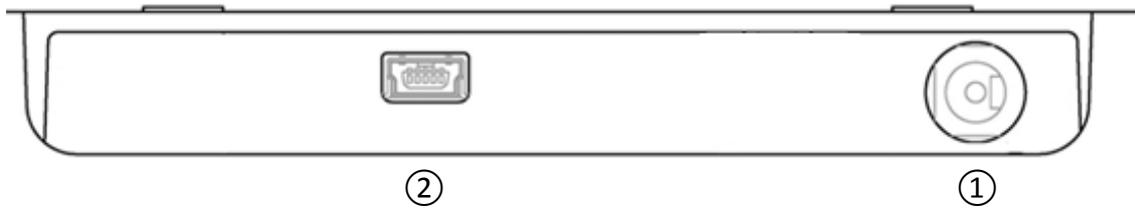
➤ **Rear side connection:**
P104TR / P104TG:



- ①: DC12V input
- ②: USB input from Host PC, Mini USB B type
- ③: Downstream port, USB A type
- ④: Downstream port, Mini USB B type

Note: P104TR/P104TG shall be powered from external AC-DC adaptor

P104UR / P104UG:



①: DC12V input, ②: USB input from Host PC, Mini USB B type

Note: P104UR shall be external powered from ①, external AC-DC adaptor

P104UG can be USB powered from ②,

or powered from external adaptor as option, this option will increase brightness automatically.

III. Power supply:

P104TR/TG/UR, need to use external AC-DC adaptor

P104UG can be USB powered, it only consume 2.5W at an acceptable brightness and suitable for mobile use

If P104UG is powered from AC-DC adaptor, it will automatically change to higher brightness.

IV. USB Hub:

P104TR/TG provide USB 2.0 Hub

x1 USB A type downstream port

x1 Mini USB B type downstream port

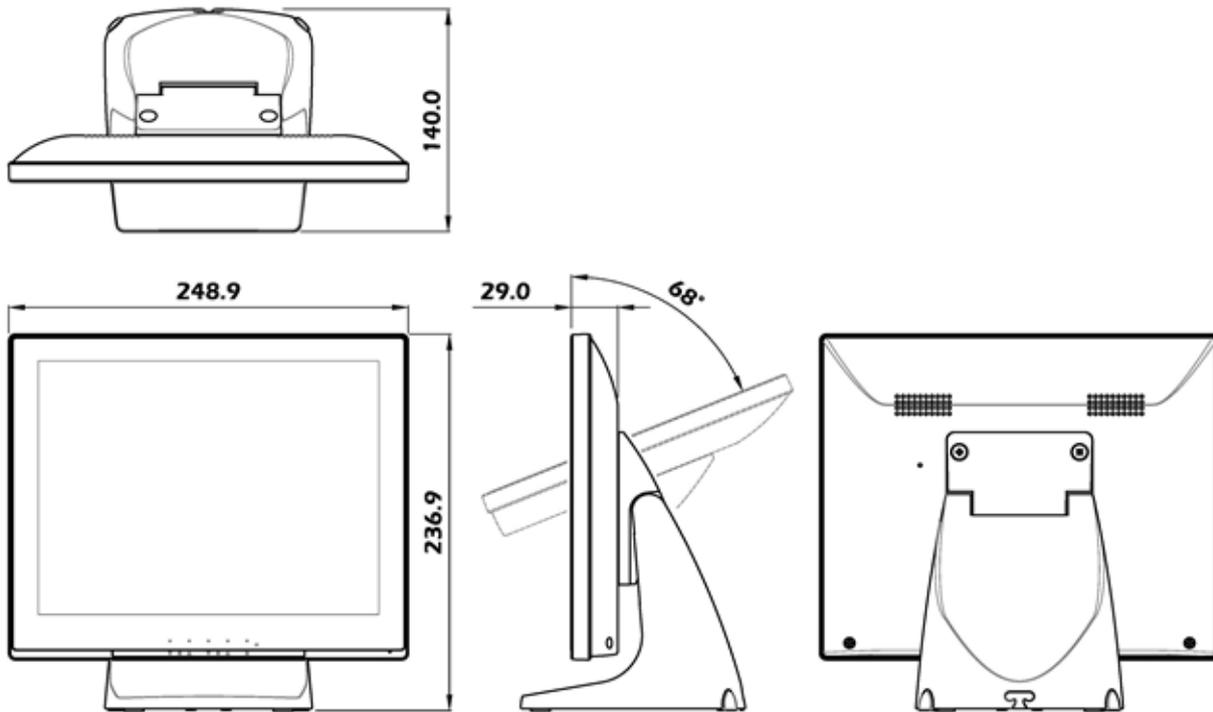
V. For your safety:

- When move the monitor, always disconnect USB cable and/or external power adaptor to avoid any danger.
- Please use the power and signal cables correctly when install it.
- In case of notice any abnormal smell or noise, please stop operation and call the nearest dealer or service center.

VI. Support timing chart:

Timing Mode	Reference Standard	Resolution	Pixel MHz	FH KHz	FV Hz	Interlace	H Polarity	V Polarity
SVGA	VESA	800×600	40.000	37.879	60.317	NO	+	+

VII. Mechanical dimension:



VIII. EMC Warning Statement:

FCC Class A Warning



This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CISPR 22 Class A Warning



This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

IX. Product General Specification:

Model	P104TR/P104TG/P104UR/P104UG	
LCD panel		
Display size	10.4"	
Display Area	211.2mm x 158.4mm	
Optimal Resolution	800 * 600	
Contrast Ratio	500:1(typ)	
Response Time	30 ms (typ)	
Viewing Angle	V: 50 /60 , H: 75 /75	
Brightness	1. P104TR/TG/UR: 240 cd/m ² 2. P104UG USB powered: 120 cd/m ² P104UG powered by adaptor: 240 cd/m ²	
Input Video signal	Mini USB B type (With 1.8 meter USB cable)	
Input Frequency	H: 31.5kHz ; V:60Hz	
Power supply		
P104UG	1. USB powered: 2.5W max. 2. Powered by AC-DC adaptor: < 5W	
P104UR	Powered by AC-DC adaptor: <5W	
P104TR / P104TG	Powered by AC-DC adaptor: <10W	
AC-DC adaptor	Wall mount type power adaptor Input: 100~240AC 0.5A, Output: 12Vdc 1.5A	
USB Hub (P104TR / P104TG only)	X1 USB A type downstream port X1 Mini USB B type downstream port	
Resistive Touch Panel (P104TR/P104UR only)	Type Input Mode Touch Control type Touch Control Driver	Five-Wire Analog Resistive Stylus or Finger USB eGalax Touch
Approvals	CE, FCC	
MTBF (LED backlight)	10,000 hours	
Wall Mount type	VESA 75 * 75 mm	
Optional item		
Cabinet Color	White	

*Product specification to be changed without prior notice

*Made In Taiwan