



AerMonitor

AM-1015 / AM-1017

User Manual

Ver. 0.2

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Safety Precaution

Please observe the following precautions to ensure safe use of equipment.

1. Disconnect the equipment from AC outlet before cleaning.
Use only moist cloth (with water). Do not use detergent.
2. Power outlet must be easily accessible and near the equipment.
3. Keep the equipment away from humid and dusty environment.
4. Place the equipment on a stable surface during installation and operation.
5. Do not place any load on the power cord.
6. All cautions and warnings on the equipment should be noted.
7. When the equipment is not in use, disconnect it from the power source to avoid damage by transient over-voltage.
8. Liquid into the equipment may cause fire or electrical shock.
9. Only qualified service personnel should be allowed to open the equipment.
10. If any of the following situations arises, ask service personnel to check the equipment:
 - A. Power cord / plug is damaged
 - B. Liquid penetrates into the equipment
 - C. The equipment does not function properly and/or cannot work according to the User Manual
 - D. The equipment has been dropped
 - E. The equipment shows signs of damage
11. Temperature below -20° C (-4°F) or above 60° C (140° F) may damage the equipment.

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CHAPTER 1

INTRODUCTION

AERMONITOR AM-1015 / AM-1017 INTRODUCTION

AerMonitor is a 15 inch bezel free monitor that is slim, compact, but tough and durable enough for any environment. With easy accessed on screen display controls, users can adjust brightness and display is a compatible component and can be easily removed and installed on the AerPOS Terminal Series.

Main Features:

- Reliable Tempered Glass; Bezel Free Design
- The high quality of resistive touch or durable tempered glass of projective capacitive touch both are IP65 front panel compliant.
- Space Efficiency; Compact Size; Small Foot Print - Fits for any kinds of POS applications
- Various peripheral devices support and sufficient I/O connectivity requirements.
- Integrated VFD and the 2nd 15" or 17" LCD display.

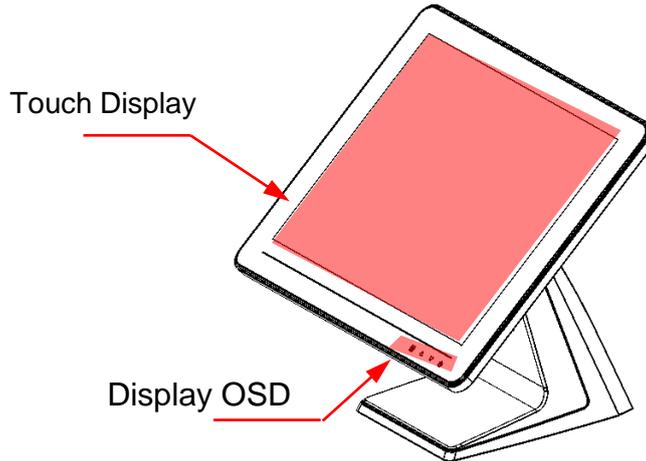


AM-1017



AM-1015

A QUICK TOUR FOR AM-1015 / AM-1017



Power Switch / Status
 Blue LED: Power ON
 Red LED: Power Off / Standby



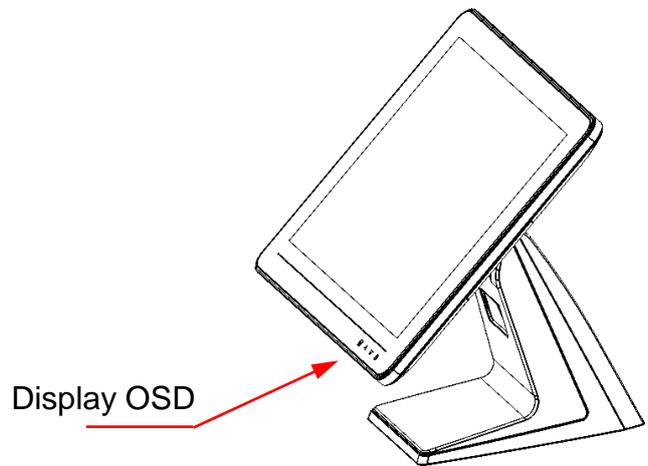
Menu item up select, item value increase and auto tune



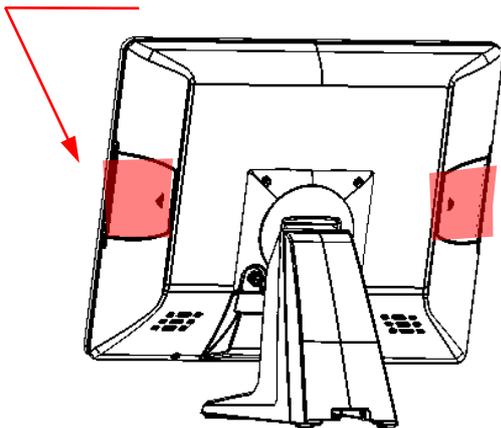
Menu item down select and item value decrease



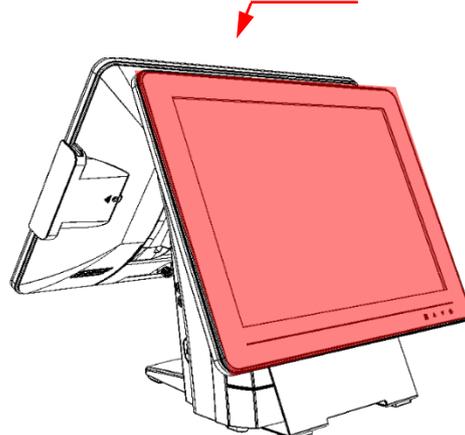
Display OSD menu and enter Next page



MSR
 Finger Print Receiver
 RFID
 i-Button

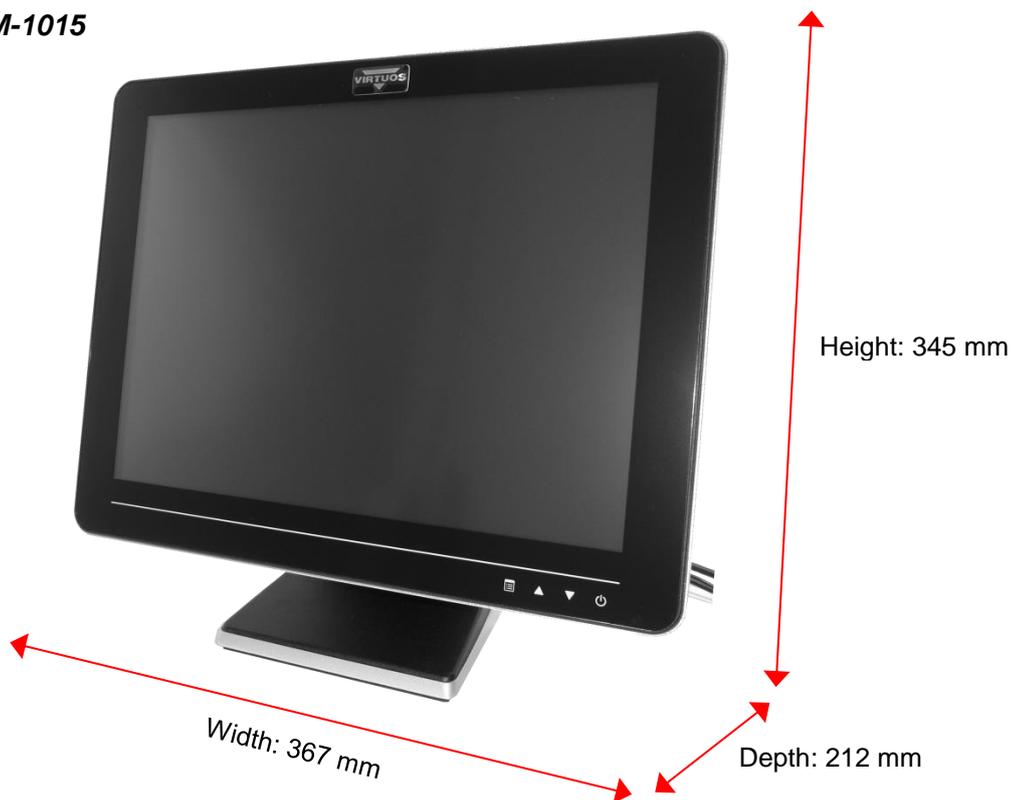


15" 2nd Display

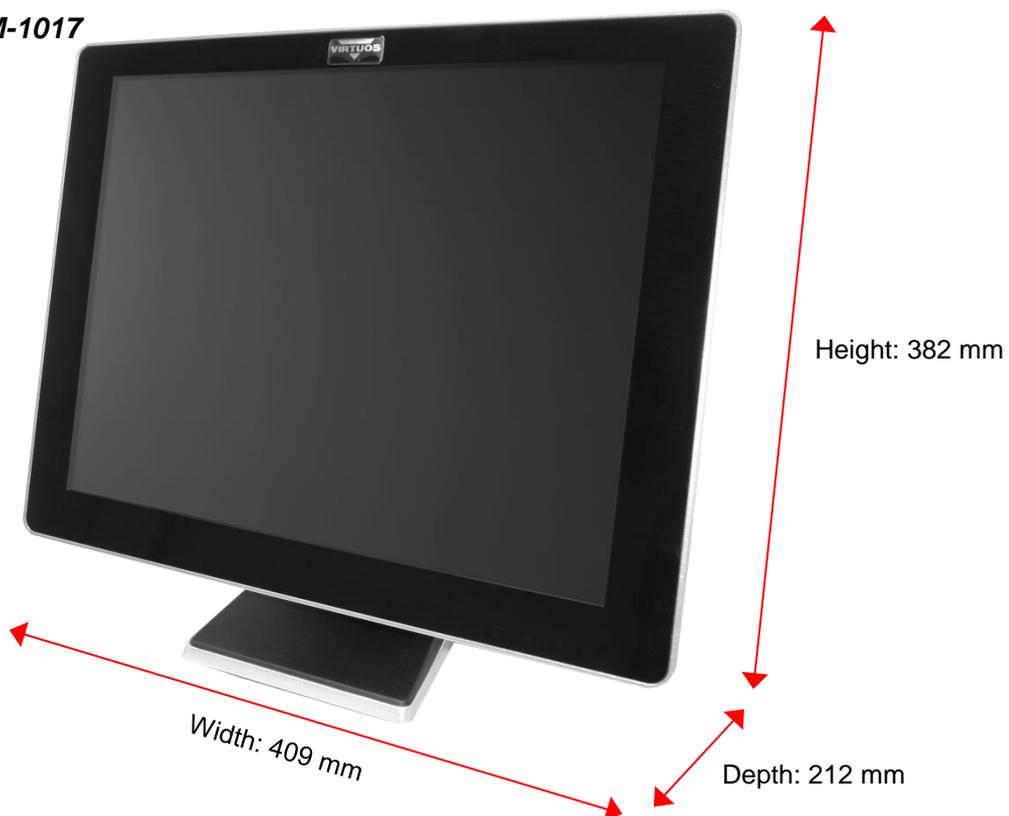


DIMENSION

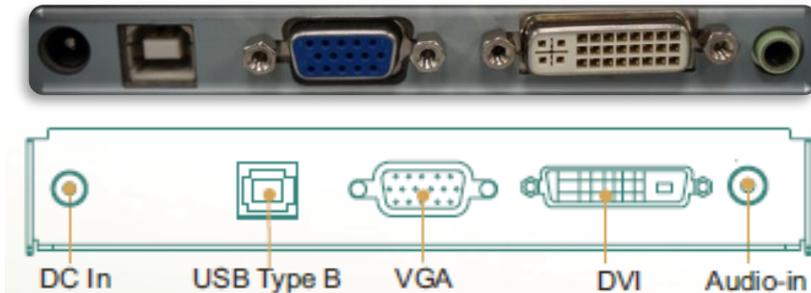
- **15" AM-1015**



- **17" AM-1017**



REAR I/O PANEL CONNECTIVITY



I/O Port	Connector Type	Description
DC IN	DC IN Connector	Connect the 12V power adapter
USB	B Type	Connect to touch screen
VGA	D-Sub 15	Connect LCD screen
DVI	D-Sub 25	Connect LCD screen
Line in	Jack Connector	Connect the Audio Devices to the ports

PACKING LIST

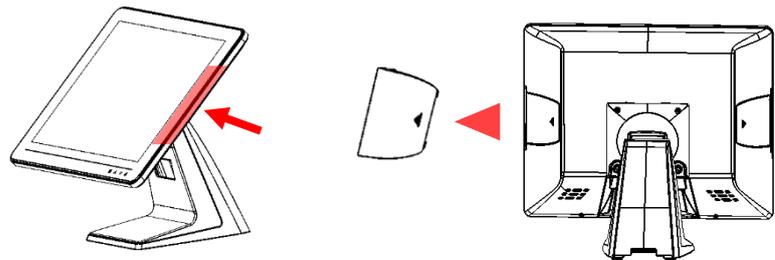
Standard		Optional & Peripherals		Part Number
1	15" AM-1015 or 17" AM-1017 AerMonitor Touch Terminal	1	MSR Reader	KBB9803
2	50W External Power Supply (12V/4.16A)	2	iButton Reader + 5 keys	KBB9806
3	AC Cord	3	RFID Card Reader	KBB9881
4	Stand base	4	Finger Print Reader	KBB9807
		5	1D/2D Barcode Reader	KBB9813
		6	MSR & iButton Reader + 5 keys	KBB9804
		7	MSR & RFID Reader	KBB9808
		8	MSR & Finger Print Reader	KBB9805
		9	iButton key	EAPOSA9203
		10	Custom Display Holder	KBB9810
		11	LCD Custom Display LCM 20x2	KBB9884
		12	2 nd LCD LED 13,3", not touched + AerARM holder	KBB9886
		13	AerPole, LCD holder, VESA compatible	KBB9812
		14	Power Supply 12V/4,16A	EAPOSA9205

CHAPTER 2

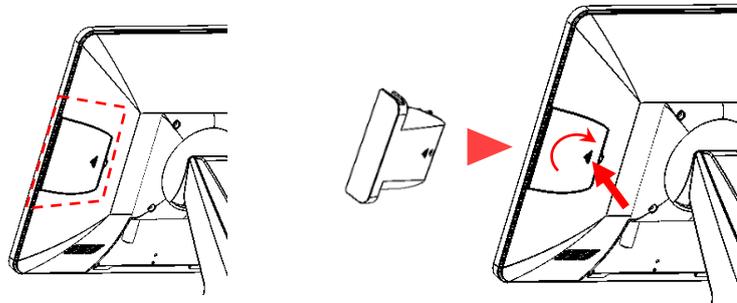
HARDWARE INSTALLATION AND SETTING

MSR / FINGER PRINT READER / RFID / iBUTTON INSTALLATION

1. Remove the plastic cover at the back of Touch Display Module.



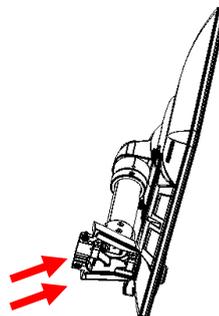
2. Insert the MSR / RFID / Finger Print / iButton Module into USB A-Type Connector. Fix the Touch Display Module with one screw.



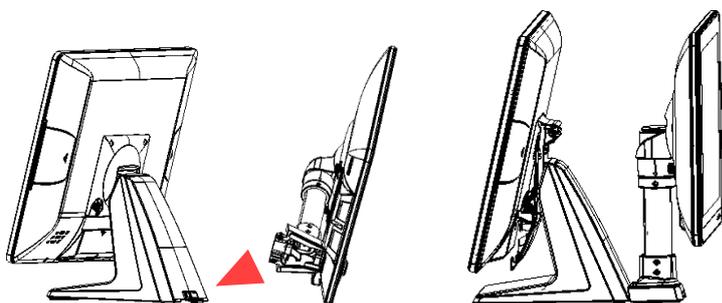
3. Make sure the USB connected and screw is fastened well.
4. If you are looking for the detail Utility of MCR, Finger Print Reader, iButton Reader, RFID Reader, please contact www.virtuos.cz/download.

POLE TYPE VFD / LCM INSTALLATION

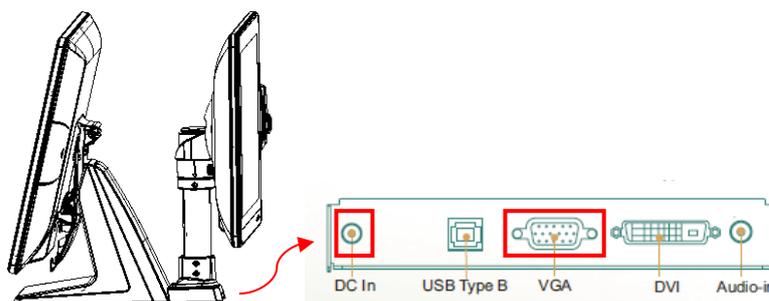
- 1. Assemble the 2nd screen with pole type with 2 screws.**



- 2. Assemble the 2nd Screen with pole type to Terminal.**



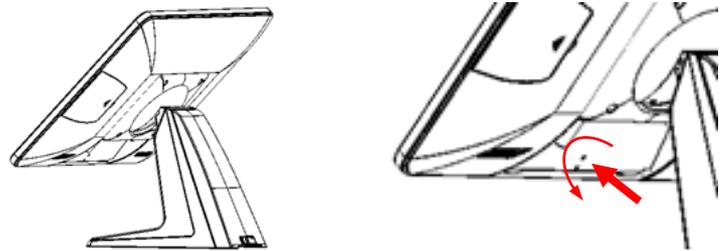
- 3. Plug in VGA and DC 12V cables.**



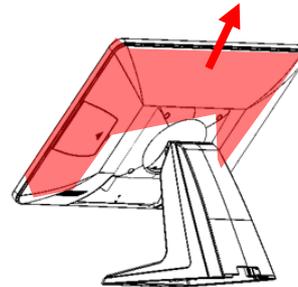
Note: They should connect to the system.

TOUCH DISPLAY INSTALLATION & SWAPPING

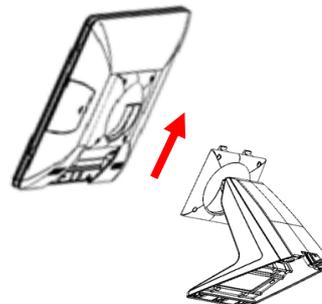
1. Release 2 thumb screw at the back side of Display.



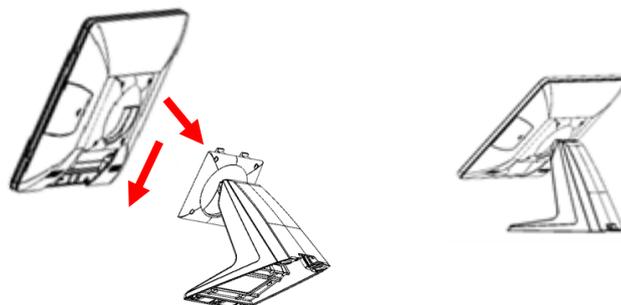
2. Lift the Display Module up to disassemble from the main unit of terminal.



3. Display and AerMonitor base are separated.



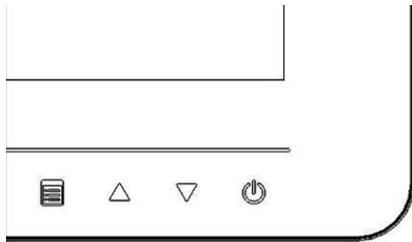
4. Reverse the process can assembly back the touch display module. Please make sure the touch display module is firmly connected to the docking slot.



DURING THE PROCESS OF DISASSEMBLY AND INSTALLATION, PLEASE ENSURE THE TERMINAL IS “POWER OFF” AND REMOVE AC.

OSD FUNCTION AND ADJUSTMENT

OSD function



Back Light Power (finger touch for 5 seconds)
 Back Light Power On – **Blue** LED indication
 Back Light Power Off – **Red** LED indication



Menu item down select and item value decrease



Menu item up select, item value increase



Display OSD menu and enter, Next page

Note for AM-1017 AerMonitor: All buttons are invisible till one touch of any. After 5 seconds, the lights will back to invisible without further touch.

Menu Function Introduction



Menu	Function
1) AUTO SETUP	Auto tune
2) BRIGHTNESS	Brightness adjustment
3) CONTRAST	Picture contrast adjustment
4) DISPLAY ADJUST	Picture parameter adjustment
5) COLOR TEMPERATURE	Color temperature adjustment
6) LANGUAGE	Multi-language setup
7) OSD DISPLAY	OSD parameter setup
8) VGA/DVI	VGA/DVI signal setup
9) AUDIO	Audio function adjustment
10) RECALL	Reset all menu item value to default setting
11) EXIT	Exit OSD menu

CHAPTER 3

SOFTWARE INSTALLATION AND SETUP

AM-1015 and **AM-1017** comes with a variety of drivers for different operating systems.

You can download all the necessary drivers and utilities from www.virtuos.cz/download.

RESISTIVE TOUCH UTILITY (EETI CONTROLLER)

Mode of Resistive Touch Panel

	Win XP, POS Ready 2009	Win7, POS Ready7
Mouse Mode	✓ Driver Needed	✓ Driver Needed
Touch Mode	✗	✓ No Driver Needed

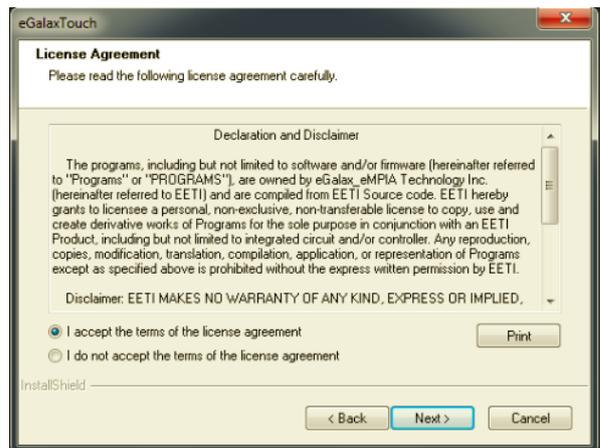
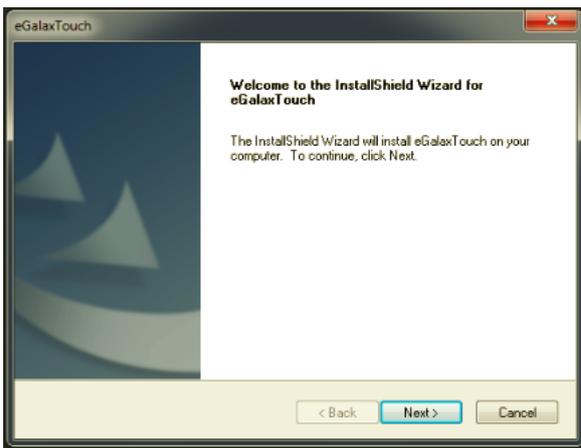
EETI TOUCHKIT TOOLS INSTALLATION

EETI TouchKit Tools Installation for Windows XP

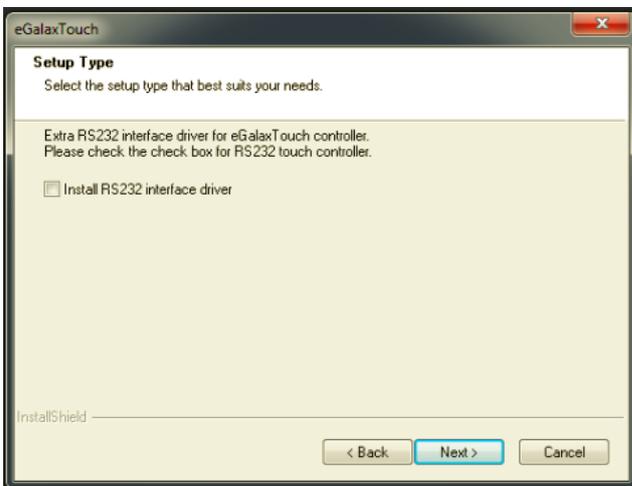
1. Download EETI Touch Kit for WinXP from website www.virtuos.cz/download.
2. Execute **Setup.exe**.



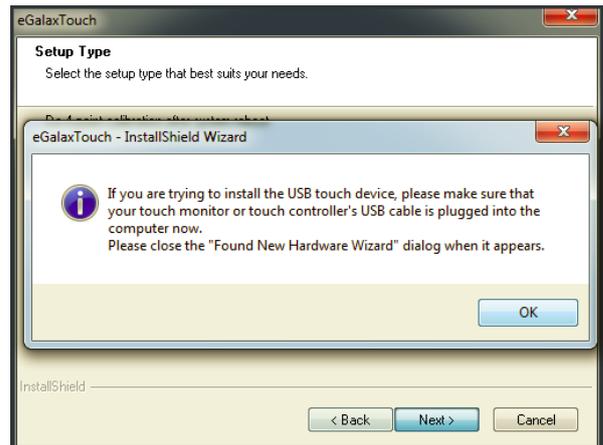
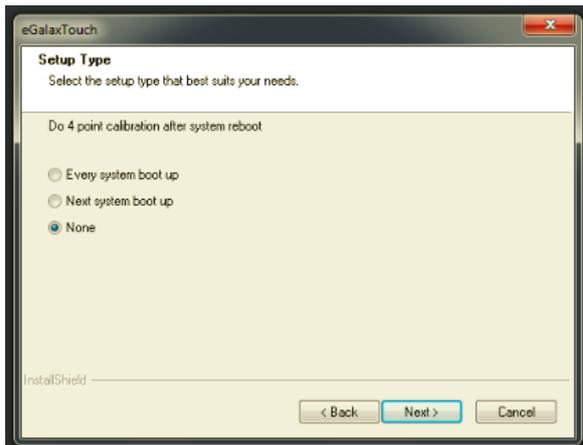
3. Click **Next**. Check the box **accept the terms of the license agreement** and click **Next**.



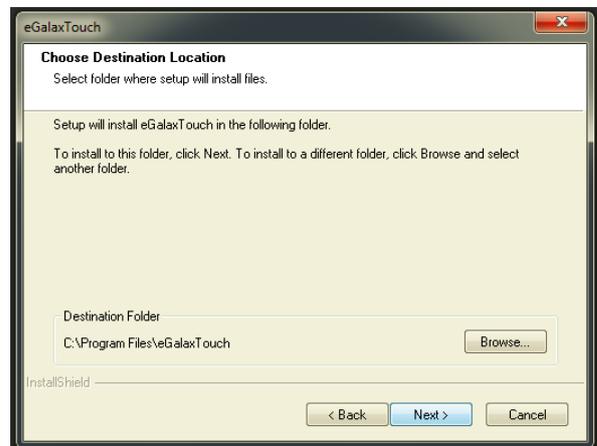
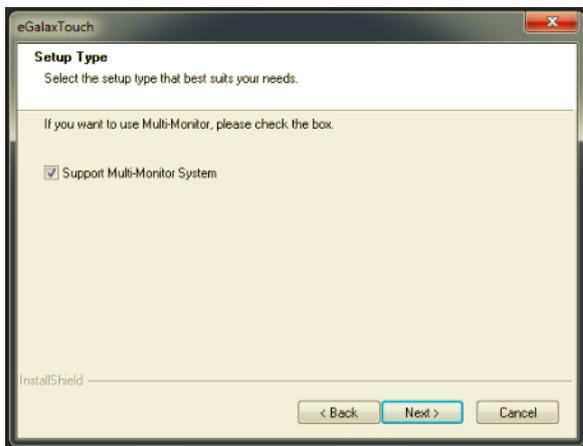
4. **UNCHECK** the box to **install RS232 interface drivers** and click **Next**.



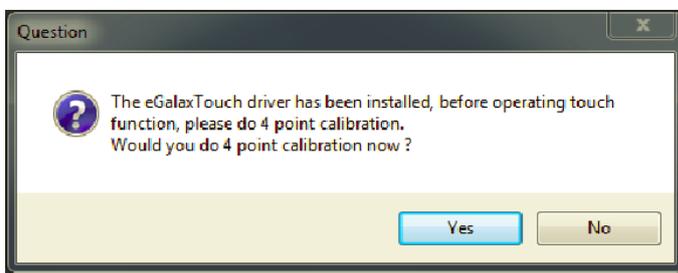
5. Select **None** and press **Next** to continue.



6. Check the box **Support Multi-Monitor System** and press **Next** to continue.

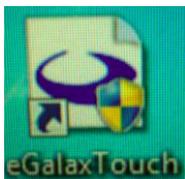


7. Select **No**.



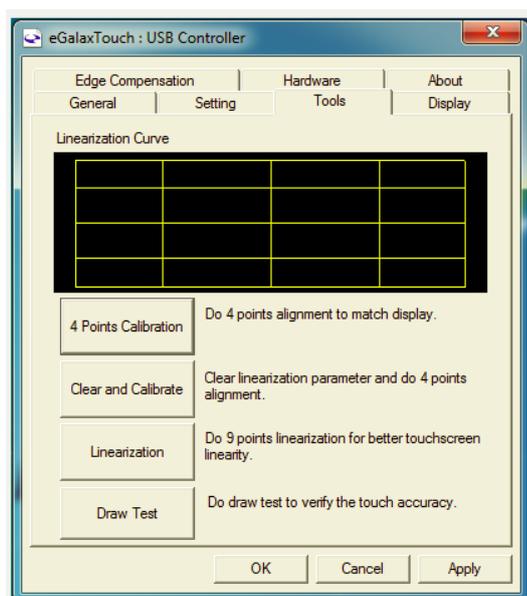
TOUCHKIT CONTROL PANEL FOR RESISTIVE TOUCH

This section explains TouchKit Control Panel for Resistive Touch.



Tools tab

The **Tools** tab allows you to below calibrate the touch screen with the **4 Points Calibration**.



CHAPTER 4

SPECIFICATIONS

AM-1015 / AM-1017 SPECIFICATIONS

Type	AerMonitor AM-1015	AerMonitor AM-1017
Part Number	EAPOSA0802	EAPOSA0801
LCD Display Size	15" TFT CCFL	17" TFT LED
Max. Resolution	1024 × 768	1280 × 1024
Contrast Ratio	700 : 1	1000 : 1
Brightness	250 cd/m ²	
Touch Screen	control by any object and allowing work with wet fingers	
	Abon 5 wire resistive layer	
Port	1 × analog video port VGA (DB15) 1 × DVI-D port (connecting cable for extra charge) 1 × stereo 3,5 mm jack audio line-in port 1 × USB slave port (Type B)	
	1 × USB (Side)	2 × USB (Side)
Audio	integrated speakers 2 × 2W	
Power Supply	2,5 mm DC jack - 12V/1,5A (max. 4A)	
External Adapter	included	
Mounting	VESA 100 x 100 mm	
Tilt angle	cca 45°	
Dimension with Base	367 (W) × 345 (H) × 212 (D) mm	409 (W) × 382 (H) × 212 (D) mm
Dimension without Base	367 (W) × 294 (H) × 40 (D) mm	409 (W) × 331 (H) × 40 (D) mm
Weight with Base	4,6 kg	5,7 kg
Weight without Base	2,9 kg	4 kg
Construction	durable polycarbonate glass, rear light quality ABS plastic, aluminum base	
Operating temperature	0 ~ 40 °C	
Color	black and silver	black and silver

CHAPTER 5

TROUBLESHOOTING

Please note that the following troubleshooting guide is designed for people with strong computer hardware knowledge or Engineers and Maintenance.

TOUCH PANEL DOES NOT WORK

- A) Check “Touch Display Module” is connected well with terminal.
- B) Check HID USB touch device is detected by OS.
- C) Check if the EETI driver or the ELO TouchKit driver has been properly installed. Or try to re-install again.

OSD PANEL CANNOT WORK PRECISELY

- A) Please touch each single OSD button for more than two seconds in order to trigger the function.
- B) Make sure the finger is not touching more than one button each time.