QIT600F1

USER'S GUIDE

IMPORTANT SAFEGUARDS

Warnings:

1. Read all of these instructions. Save these instructions for later use, please.

2. Unplug this monitor from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

3. Do not use attachments not recommended by the monitor manufacturer as they may cause hazards.

4. 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...

5. 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. Wall or shelf mounting should follow the manufacturer's instructions, and should use a mounting kit approved by them manufacturer.

6. Slots and openings in the cabinet and the back or bottom are provided for ventilation, and to insure reliable operation of the television receiver and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the monitor on a bed, sofa, rug, or other similar surface. This monitor should never be placed near or over a radiator or heat register. This monitor should not be placed in built-in installation such as a bookcase unless proper ventilation is provided.

7. This monitor should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied in your home, consult your monitor dealer or local power company.

8. This monitor is equipped with a three-wire grounding type plug, a plug having a third (grounding) pin. This plug will only fit into grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet. Contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

9. Do not allow anything to rest on the power cord. Do not locate this monitor where the cord will be abused by persons working on it.

10. Follow all warnings and instructions marked on the monitor.

11. For added protection for this monitor, when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the monitor due to power-line surges.

12. Do not overload wall outlets and extension cords as this can result into fire or electric shock.

13. Never push objects of any kind into this monitor through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the monitor.

14. Do not attempt to service this monitor by yourself since opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

15.Unplug this monitor from the wall outlet and refer servicing to qualified service personnel
under the following conditions:

  a. When the power cord or plug 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 does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the monitor to normal operation.

  e. If the monitor has been dropped or the cabinet has been damaged.

  f. When the monitor exhibits a distinct change in performance this indicated a need for service.

16. 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.

17. Upon completion of any service or repairs to this monitor, ask the service technician to perform routine safety checks to determine that the monitor is in safe operating condition.

18. The socket outlet shall be near the equipment and shall be easily accessible.

19. The power supply cord is used as the main disconnect device.

1. Introduction

1.1 About the Product

QIT600F1 tablet monitor combines the advantages of LCD monitor with Pen Input Technology. It utilizes electromagnetic technology which guarantees high tablet resolution and fast pen tracking speed. You could work more freely and effective by using pen on screen. The monitor features include the following:

- Active matrix TFT LCD technology
- 1920x 1080 FULL HD resolution
- 21.5"±viewable display area
- Pen-Input technology
- Tablet resolution:2000Lpi
- Tablet Pressure: 1024 levels
- Direct Analog signal Output/Input
- Dual-hinge Stand (12 ~ 130 degree)

1.2 Package Overview

After unpacking, make sure that all of the following parts are included.

No.	Name	Qty
(1)	21.5-inch LCD monitor	1
(2)	Battery Stylus pen	1
(3)	Spare pen tips	2
(4)	Pen Clip	1
(5)	Adapter	1
(6)	Power cable	1
(7)	HDMI cable	1
(8)	USB cable	1
(10)	CD-ROM- includes User's Guide	1

1.3 Display overview
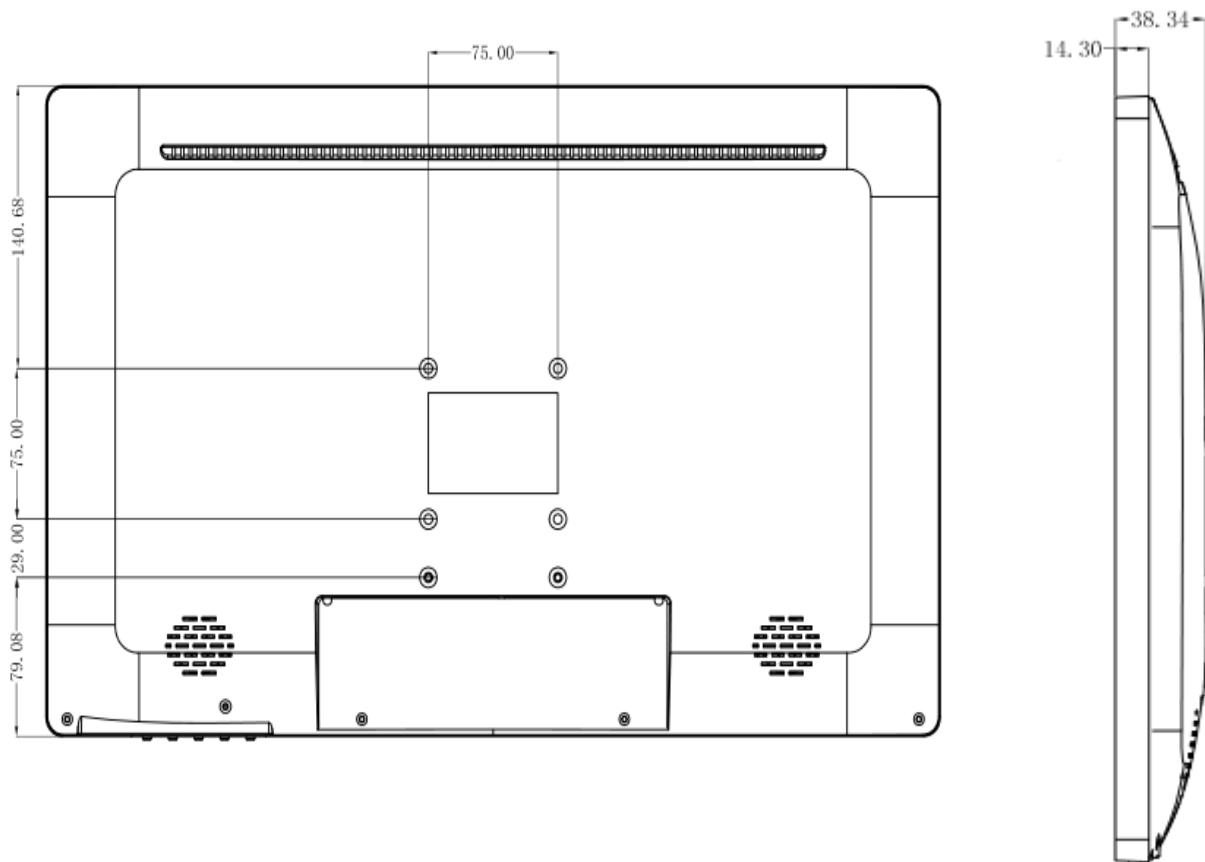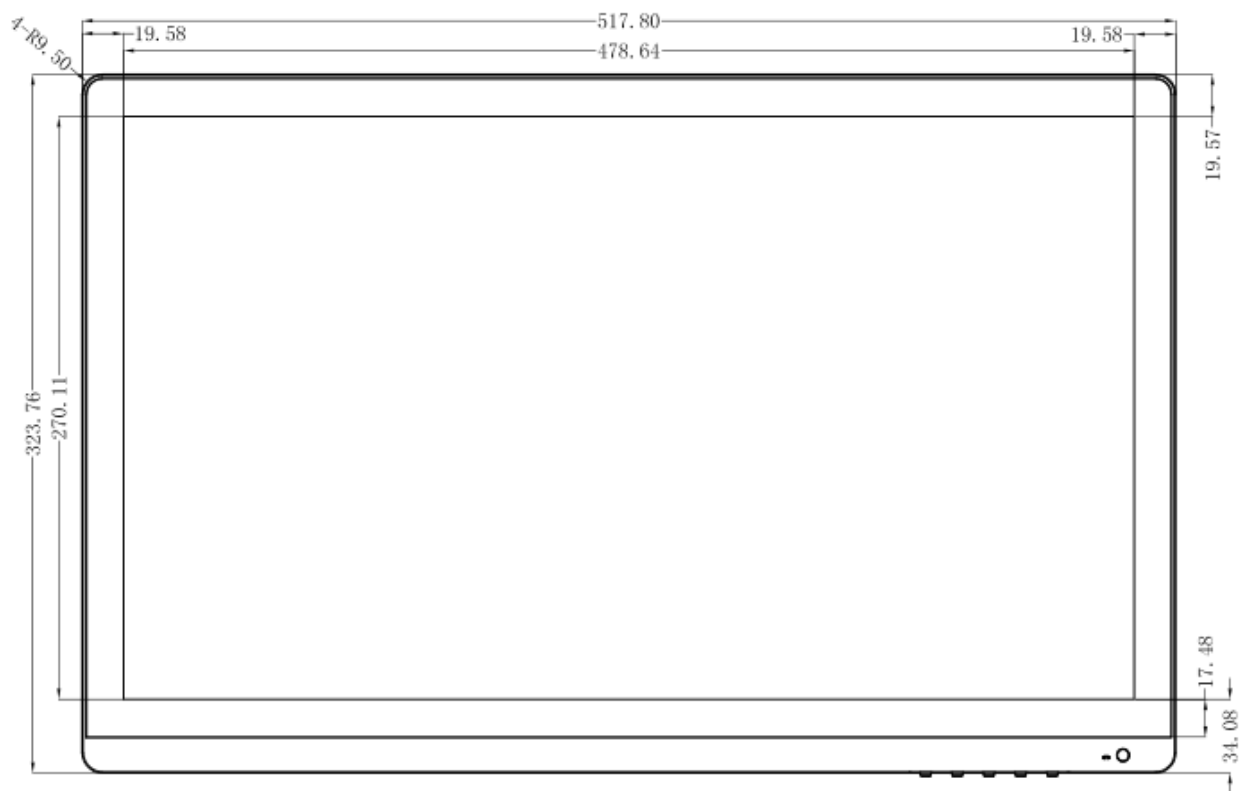
External control buttons

1	Automatic image setting	4	Menu
2	Down adjust	5	Power on/off
3	Up adjust		

1.4 Installation

1.4.1 System Requirements:

Before using the QIT600F1, make sure your PC Operation system is Windows XP, Windows 7, Windows 8, Windows 10 or Mac 10.9 or above.

1.4.2 Connection Procedure
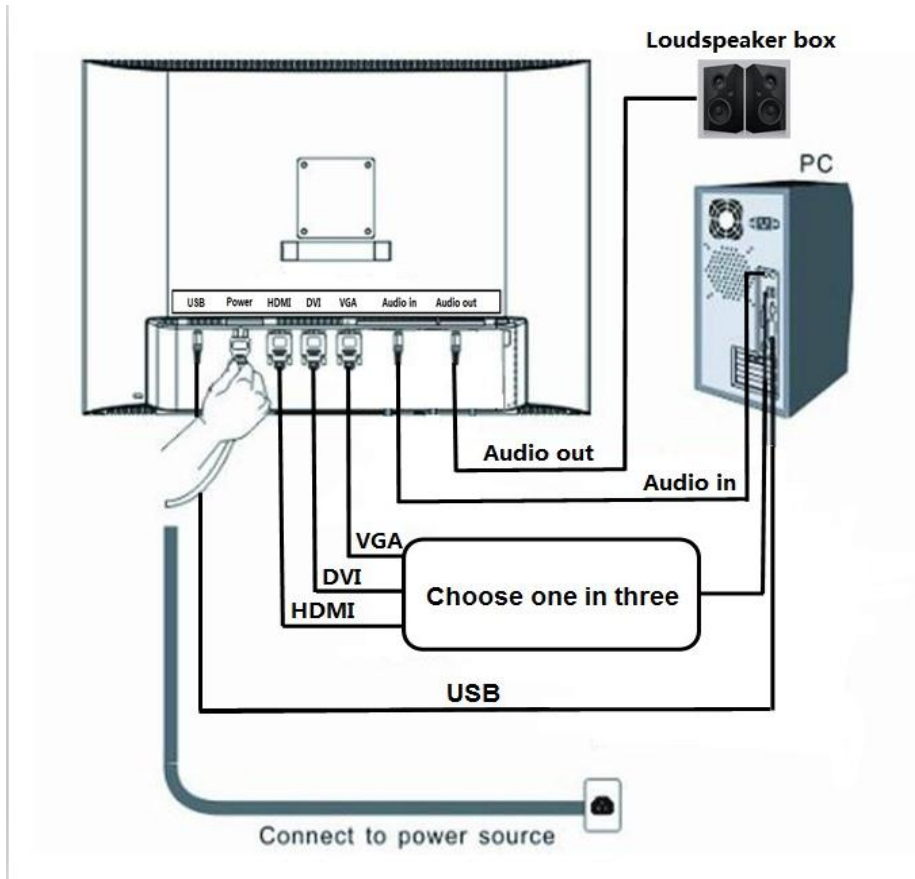
(1) Connect the HDMI cable to the HDMI input port on the side of the QIT600F1, and tighten the screws to fasten. Connect the other end of the cable to the PC HDMI port, and tighten the screws to fasten.

VGA, DVI and HDMI must choose one in three when you use QIT600F1. You can't connect them at the same time. And the standard package is HDMI cable.

a. Connect the DVI cable to the DVI input port on the side of the QIT600F1, and tighten the screws to fasten. Connect the other end of the cable to the PC DVI port, and tighten the screws to fasten.

b. Connect the VGA cable to the VGA port on the side of the QIT600F1. Connect the other end of the cable to a VGA port on the PC.

(2) Connect the USB cable to the USB port on the side of the QIT600F1. Connect the other end of the cable to a USB port on the PC.

(3) Connect the power cable from the AC socket of the LCD to the AC mains socket nearby.

(4) Connect the audio cable to the Audio in port on the side of the QIT600F1. Connect the other end of the cable to an audio port on the PC.

a. Connect the audio cable to the Audio out port on the side of the QIT600F1. Connect the other end of the cable to a loudspeaker box.
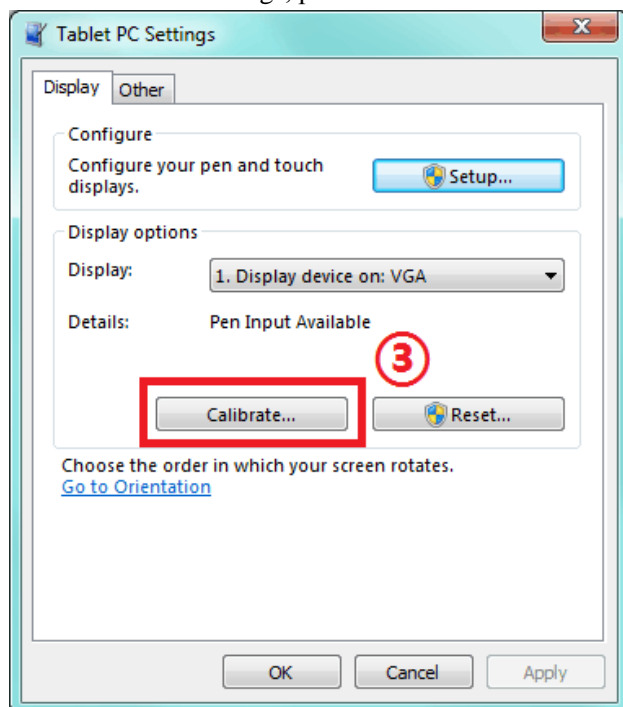
1.4.3 Writing Calibrate

If the writing function installs successfully, there will be this icon ✒ on the taskbar. If not, there will be this icon ✒ on the taskbar.

And if the configure is not correct, please calibrate it. Find Tablet PC Settings on the control panel.
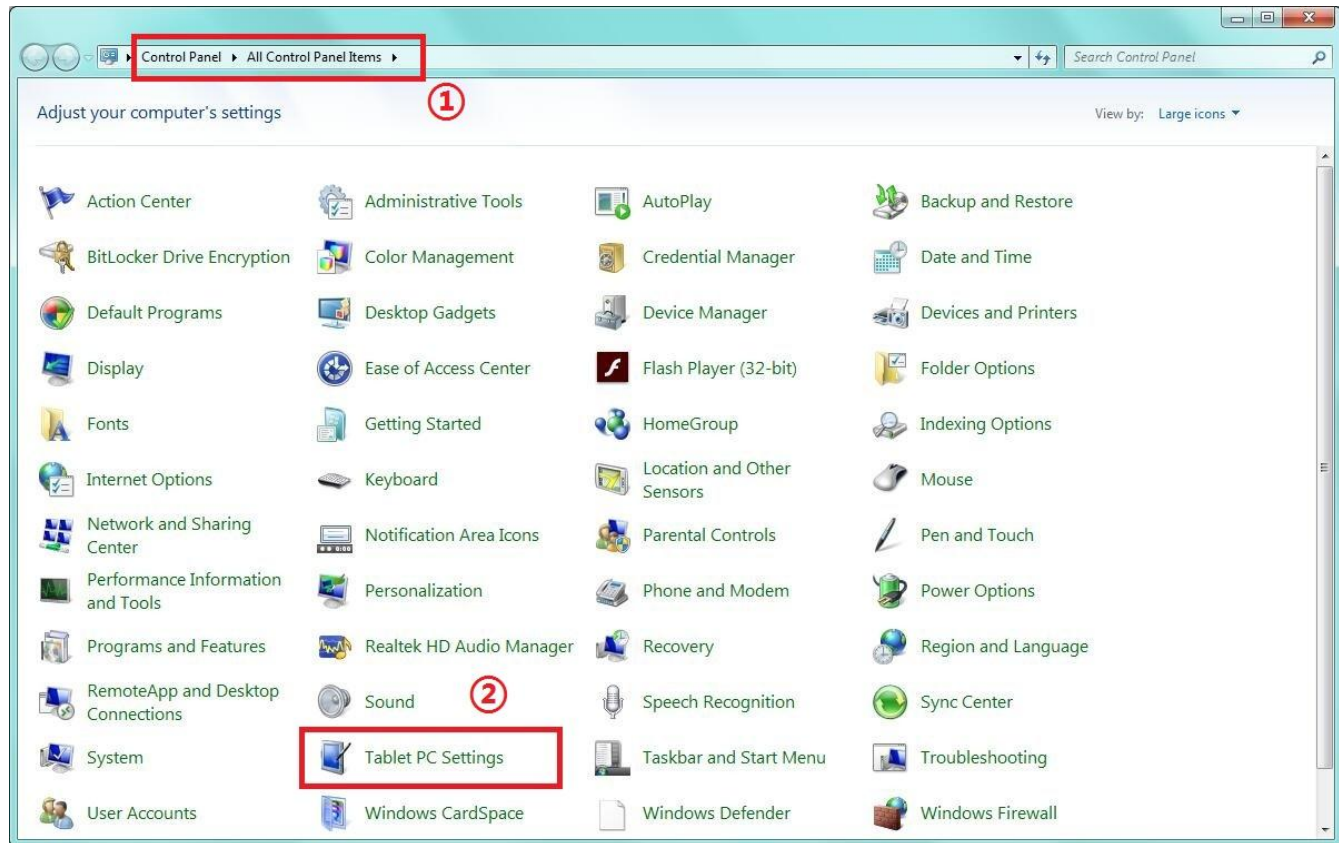
Enter Tablet PC Settings, please click "Calibrate ".

Please use pen to follow and click this icon ╀ .

④

To provide calibration samples, tap the crosshair each time
that it appears on the screen.

Right-click anywhere on the screen to return to the last
calibration point. Press the Esc button to close the tool. Do
not change your screen orientation until you have completed
the calibration process.

⑤

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calibration point. Press the Esc button to close the tool. Do
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Alt

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⑥

Alt

To provide calibration samples, tap the crosshair each time
that it appears on the screen.

Right-click anywhere on the screen to return to the last
calibration point. Press the Esc button to close the tool. Do
not change your screen orientation until you have completed
the calibration process.

⑦

2. Usage Procedures

This section describes the basic procedures for using QIT600F1. For information on using advanced QIT600F1 features, see the QIT600F1 User's Guide.

2.1 Notice when displaying screens at FULL HD resolution

Be sure to set the monitor refresh rate to 60 Hz if displaying the QIT600F1 at resolution (1920*1080). If used at a refresh rate other than 60 Hz, the pen may not operate correctly due to noise from the LCD panel. (For details on how to make settings, see your PC manual and other documentation.)

2.2 Using the Battery Pen

This section describes how to use the QIT600F1 Battery Pen.

2.2.1 Battery Pen Operations
The Battery Pen can be used in the same way as a mouse. Under the Battery Pen default settings, the pen tip button is set to correspond to the left mouse button. When Windows is open, the pen tip button may be used to perform the following mouse actions.

Clicking
Press the pen tip against the display with a suitable amount of force and then release it quickly.

Double-clicking
Press the pen tip against the display with a suitable amount of force and then release it, two times in a row.

Dragging
Press the pen tip against the display with a suitable amount of force and then move the pen while keeping it pressed against the display (without releasing it from the display).

The permitted stylus pen input angle range is 30° in any direction from a position where the stylus pen is perpendicular to the display surface. Note that if the pen is tilted at an angle greater than 30°, its coordinates may not be input correctly.

2.2.2 Replacing the Battery Pen Tip

When the Battery Pen tip wears down and becomes too short, replace it as described below.

(1) Using the special en clip, remove the Battery Pen tip.
(2) Insert a new pen tip into the stylus pen.
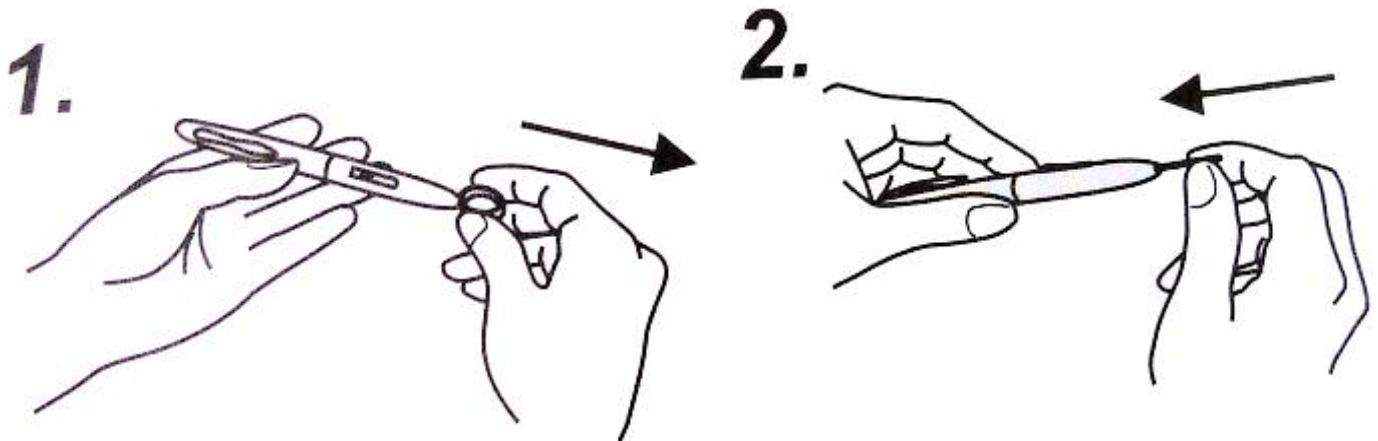
2.3 Using the OSD Menu

The OSD menu is used when adjusting the QIT600F1 LCD screen. OSD is an abbreviation for On-Screen Display. The OSD feature allows you to view and adjust the settings for the display on the screen.

### 2.3.1 OSD Buttons and Their Function

Main menu

OSD main menu of controls gives you an overview of the selection of controls available. When you want to make adjustment of the screen image, press and release button Menu

1. **Picture**

   Brightness - Adjust the luminance level in the image.
   Contrast - Adjust the difference in luminance between light and dark areas of the image.
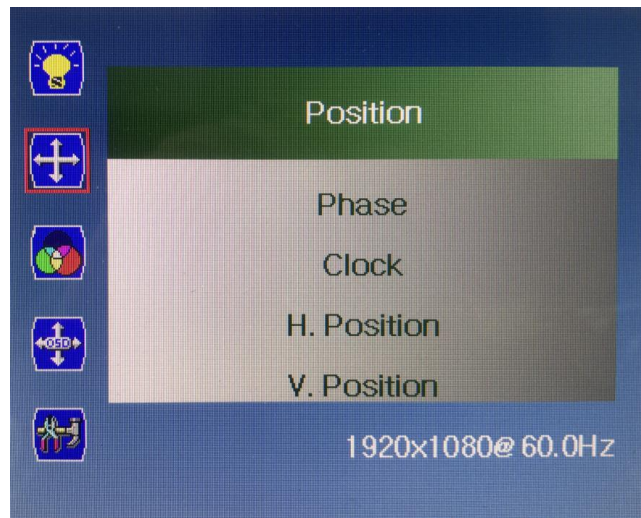   Gamma - Adjust the color level in the image.
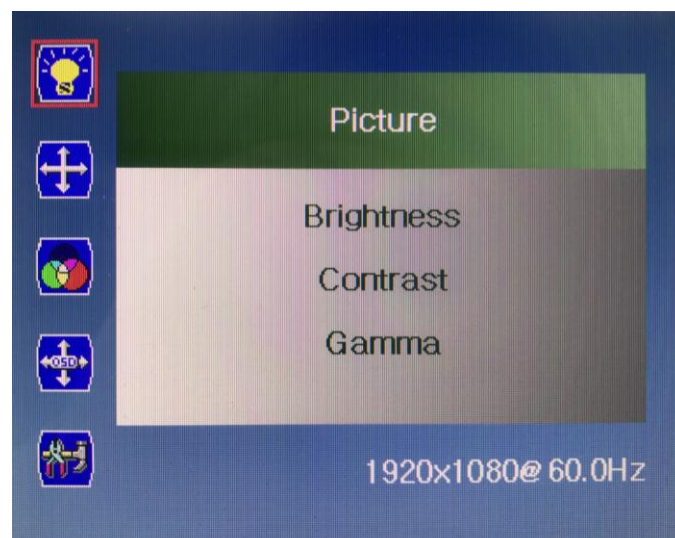
2. Position

Phase - Adjust the horizontal sync phase of signal.

Clock - Adjust the horizontal sync size of signal.

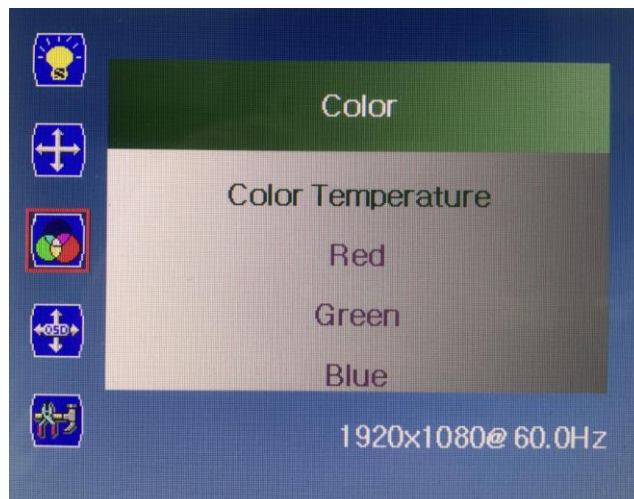H. Position - Adjust the horizontal position of the image.

V. Position - Adjust the vertical position of the image.

3. Color

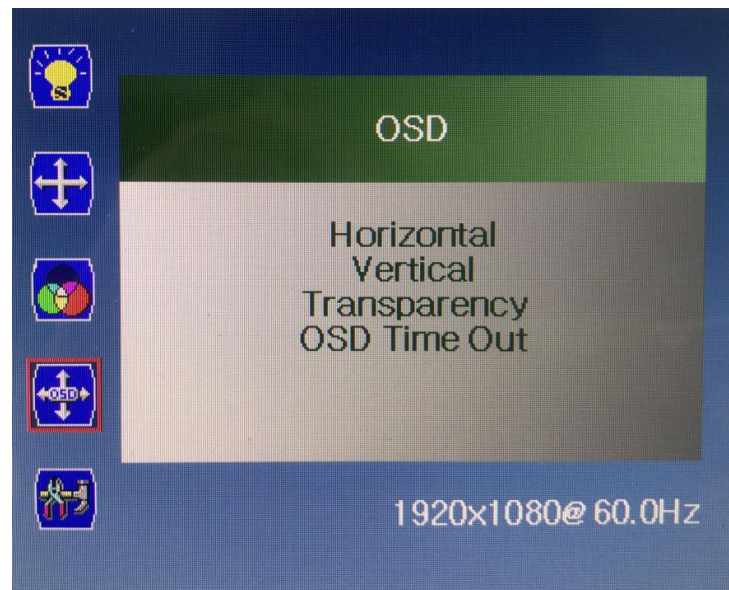Color Temperature - Adjust the R.G.B. gain level.

（Red Green Blue）

4. OSD

Horizontal - Adjust the horizontal position of the OSD menu.

Vertical - Adjust the vertical position of the OSD menu.

Transparency – Adjust the picture display more clear.

OSD Time Out - Setting the OSD menu display time.

5. Setup

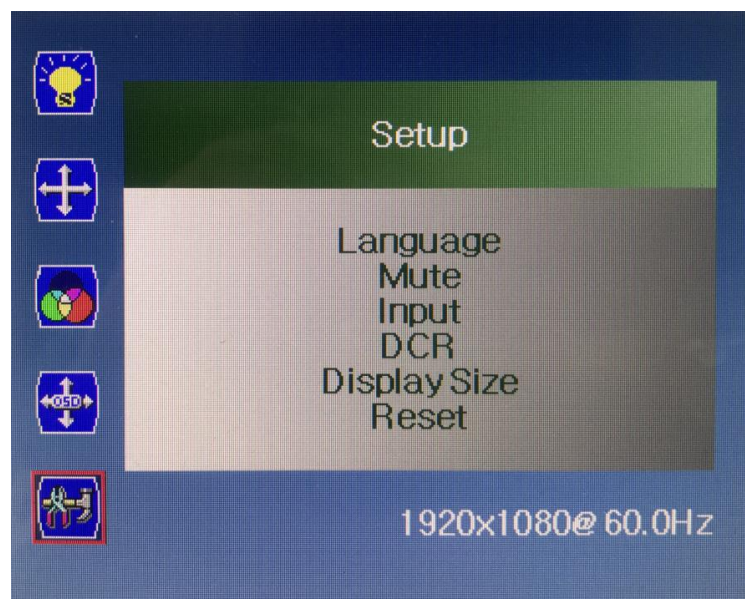Language - Sets the language of the OSD windows.

Mute – Sets the volume of the OSD windows.

Input – Sets the input of the display, VGA or DVI or HDMI.

DCR – Adjust the picture display of monitor.

Display Size – Adjust the display size of monitor, FULL SCREEN or 4:3 or ZOOM.

Reset – Adjust all the personal setting back to original setting.

Appendix A

Troubleshooting

First, check adjustments and handling methods and check for poor cable connections. Those are often the causes of problems when nothing is actually broken.

Screen display-related problems

In this case	Check this	And do this
PC screen does not display on QIT600F1	Is the PC power on?	To deal with problem see the PC manual and other documentation.
	Is the VGA cable connected to the PC and QIT600F1 properly?	Connect the VGA cable correctly.
	For laptop PCs, is external (RGB) output selected?	Connect cable after starting up the PC, or switch to external (RGB) output at the screen display mode settings. (Method of switching differs by PC. For instructions, see the PC manual and other documentation.)
	Was LCD and monitor switching done right (may be assigned to a function key)?	Set so LCD and monitor are both selected, or that just the monitor is selected. (For details on selection, see the PC manual and Other documentation.)
	Other	Contact technical support.

Stylus pen-related problems

In this case	Check this	And do this
Stylus pen does not operate.	Is pen tip worn down?	Check if the pen tip is worn down or is too short. (For details on how to replace the stylus pen tip, see "2.2.2 Replacing the Stylus Pen Tip")
	Are there any electronic devices located nearby the QIT600F1 such as microwave ovens or radio transmitters that emit electromagnetic noise?	This product is susceptible to electromagnetic noise, so use the QIT600F1 away from devices that emit noise.
	Other	Restart Windows.
		Contact technical support.
Stylus pen tip and pen cursor positions do not match.	Did you calibrate the pen position?	We do have built-in a proper calibration setting in QIT600F1. The additional calibration will alter the accuracy. Please cancel the calibration you did to recover to the default one.
	Other	Contact technical support.

Appendix B

System Specifications

Item		Specification
Product name		QIT600F1
Display characteristics	Panel Type	Active-Matrix Liquid Crystal Display (TFT)
	Effective screen size	21.5 inch 478.64(H) X 270.11(V)
	Resolution	1920(H) x 1080 (V)
	Standard colors	16.7M
	Brightness	250 cd/m2
	Contrast ratio	5000:1
	Viewing angles	178 °(H), 178 °(V)
Digitizer characteristics	Input system	Electromagnetic
	Pen	Battery pen
	Tablet resolution	2000Lpi
	Pen Pressure	1024 levels
	Reading accuracy	±0.5 mm (center)
	Tracking speed	Approximately180 points per second
	Interface	USB interface (USB2.0)
Input/output	Input	D-sub 15-pin (analogue RGB)
	Output	D-sub 15-pin (analogue RGB) HDMI
Environmental conditions	Temperature	During use: +10 – +35 ℃; in storage: -20– +60 ℃
	Humidity	During use: 10-80% (no condensation); in storage: 5-95% (no condensation)
Power consumption / power supply		40 W or less (4W or less in power saving mode) / AC in
External dimensions		517.8 (W)×323.76 (H)×38.34 (D) mm (without stand)
Stand adjustment		Adjustable in the range of 12 °to 130 °
Compatible operating systems		Windows XP, Windows 7, Windows 8, Windows 10 or Mac 10.9 or above.