ViewEra

20.1 " WIDE SCREEN
TFT-LCD MONITOR

V202 Series

USER MANUAL

www.viewera.com

Rev. 1.0

Table of Contents

EMC COMPLIANCE

This device has been tested and found to comply with the standards for a class B digital device, pursuant to Part 15 of FCC Rules. Those standards are designed to provide reasonable protection against harmful interference in a residential installation. This device generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, user is encouraged to try to correct the interference by one or more of the following measures:

> Reorient or relocate the receiving antenna

> Increase the separation between the device and receiver

> Plug the device into a wall outlet different from that connected to the receiver.

> Consult the dealer or an experienced technician for help.

CAUTION: any change or modification not expressly illustrated in this manual may void the warranty.

NOTE: any unshielded cable is not allowed to be used in the device.

1

IMPORTANT PRECAUTIONS

1. Before using this device, please read all the instructions in this manual carefully.

2. Please keep the manual carefully for future reference.

3. Unplug this device from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp or wet cloth to clean. Please use LCD screen detergent for cleaning if it is still dirty.

4. Do not use the parts not recommended by the manufacturer, otherwise it may cause a hazard.

5. When unplugging the power cord of the display, please hold the plug with your hands. Do not pull the cord directly.

6. Do not place any object on the power cord. Do not trample it either.

7. Do not use the device near water sources, e.g. bathtub, basin, kitchen sink, or washing machine. Do not place the device on a wet floor, or near a swimming pool etc. Do not touch the screen with your fingers or other hard objects.

8. Slots and openings on the housing and its back or bottom are provided for ventilation. To ensure reliable operation of the components and to protect them from overheating, these openings must not be blocked or covered placing the device on a bed, sofa, rug, or other similar surface. The device should never be placed near or over a radiator or heater and should not be placed in a built-in installation unless proper ventilation is provided.

9. Make sure that the device is at least 5 cm distance from the wall or other objects around when it is in use.

10. As a safeguard measure, the display is equipped with a power cord with three-terminal plug, the third terminal is grounded. If the plug can not be inserted into the outlet, please contact an electrical technician for replacing the original outlet while keeping the safeguard measure in effect.

11. Ensure that the power socket and cord in use are able to take the sum of the rated currency of all the products.

12. Do not put the device at the place where user is subject to mal-operation.

13. Observe all the warnings and instructions described in the manual.

14. Do not overload the power outlet or use any extension cord, otherwise it may cause fire or electric shock.

15. Do not attempt to repair this device yourself since opening or removing covers may expose you to dangerous voltage or other hazards. Refer servicing to qualified service personnel.

16. Unplug this display 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 worn.
    b. If the device has been dropped or its housing has been damaged.
    c. When the performance of the device deteriorates distinctly.

17. The power cord is the main facility to turn on/off the device; unplug it if the device is not used for a long period of time.

18. Store the device at a place of good ventilation; avoid strong sunlight, high temperature or humidity.

19. Store the device at a place at -20~55 Celsius degree room temperature.
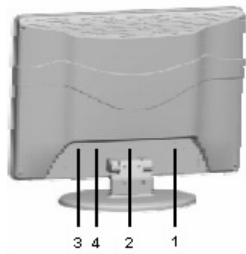
2

1. Package Contents

Unpack the package and check you have the following items.

- 20.1"TFT-LCD monitor
- VGA signal cable
- Power cord
- User manual
- DVI signal cable
- Audio cable

If any of the items is missing, please contact with your dealer at which you

purchased the monitor.

2. Installation
2.1 Rear Panel

1. Power supply: AC 100-240 V, 60/50 Hz.

2. Audio: Connecting one end of the PC audio cable to AUDIO on the monitor and the other end to the sound card audio in on a computer.

3. DVI: Connecting one end of DVI cable to DVI connector on the monitor and the other end to a video/ graphic card on a computer, if your video/ graphic card supports DVI.

4. VGA: Connecting one end of VGA cable to VGA connector on the monitor and the other end to a video/ graphic card on a computer.

2.2 Installation

The monitor is equipped with an automatic sensing AC power adapter for a voltage range from 100 to 240 VAC at a frequency of 50 to 60 Hz. Before connecting the cables, please make sure that the monitor and the computer power are both turned off. Please follow the steps to install your monitor.

2.2.1 Connecting the signal cable

Plug one end of the VGA cable or DVI cable to the computer and the other end to the video signal connector on the monitor, and then tighten the two screws on the cable connector.

2.2.2 Connecting power cord

Plug one end of the power cord into the input port of the monitor power supply and then insert the other end into the socket of the electrical source.

2.2.3 Connecting the audio cable

Plug one end of the audio cable to audio jack on either computer or video device and the other end to audio jack on the monitor.

2.2.4 Installing the monitor base

1. Take the monitor and the base out of the box and place its side on the table.
2. Align the monitor base with the monitor arm and then push the base into the knighthead on the monitor arm until the monitor base is securely connected to the monitor arm.
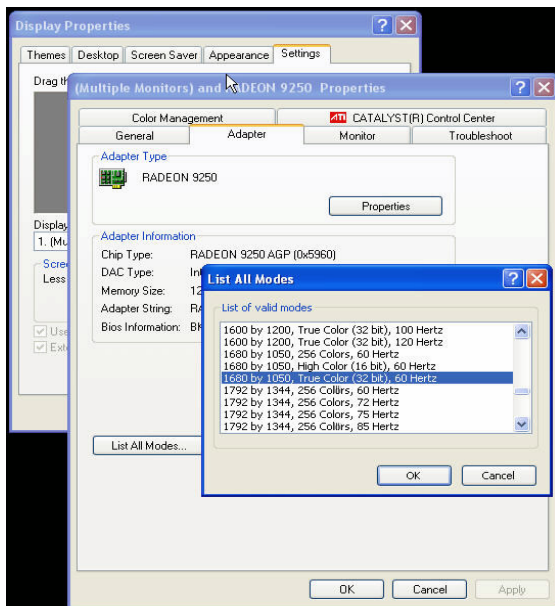

2.2.5 Power on

Turn on your monitor and computer. The LED indicator will light green (or blue) when the screen is under normal condition. If the LED indicator lights red, please check if the signal cable is securely connected between the computer and the monitor.

4

2.3 Resolution setup

For the best display quality, please set the monitor type in Windows.

Control Panel > Display > Settings > Advanced > List All Modes

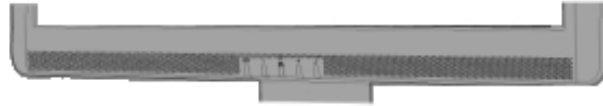**For V202 series, please set to "1680 × 1050 @ 60Hz".**

Note: If your video/ graphic card does not support the resolution of 1680 x 1050, then you can try to set the resolution to 1280 x 960 or 1280 x 768 to avoid picture stretching.
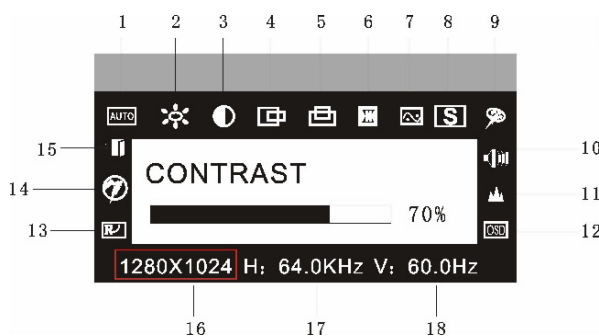
5

3. Control Functions

3.1 User Controls

The monitor digital control functions are located on the front panel. They are shown in the figure below and described in the following paragraphs.
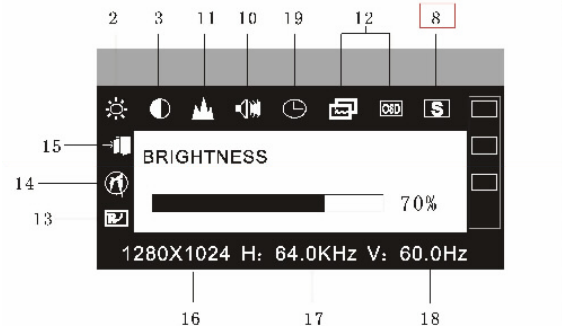

1. Power switch with LED indicator key: It is used to turn on or off the monitor. When the monitor is turned on, the LED is lit up in green (or blue). When the monitor is in power saving mode, the LED will turn red and flashing.
2. OSD Menu key: When it is pressed, the OSD menu appears on the screen. It is also used to confirm the function selection.
3. "+" key: It is used to move the cursor clockwise or increase the value of the control function. It is also a shortcut key to enter Brightness adjustment.
4. "- " key: It is used to move the cursor counterclockwise or decrease the value of the control function. It is also a shortcut key to enter Contrast adjustment.
5. "AUTO" key: It is used to adjust the picture to the best display quality in VGA mode. If the picture is shifted to one side, especially at the first time the monitor is connected to a new system, you can correct the display position by pressing this key.

3.2 OSD menu

a. OSD menu with VGA connection   b. OSD menu with DVI connection

1. Auto Adjustment: Adjust geometry of the picture automatically. (for VGA mode only)

2. Brightness: Adjust the brightness level of the picture.

3. Contrast: Adjust the difference in luminance between light and dark areas of the picture.

4. H. Position: Adjust the horizontal position of the picture.

5. V. Position: Adjust the vertical position of the picture.

6. Clock: Adjust the frequency of the signal.

7. Phase: Adjust the phase of the signal.

6

8. Signal Source: Change the signal mode between VGA and DVI on OSD.

9. Color: Adjust the color temperature of the picture.

        9300K - Select the color temperature of 9300K.

        7800K - Select the color temperature of 7800K.

        6500K - Select the color temperature of 6500K.

        User mode: Adjust R. G. B. gain levels.

        W-B: Auto color balance.

10. Volume: Adjust the speaker volume.

11. Sharpness: Adjust the picture to be in focus.

12. OSD Position/ Transparency: Adjust the OSD display position and transparency.

13. Recall: Reset the factory default settings.

14. Language: Set the language of the OSD windows.

15. Exit: Close the OSD menu.

16. Resolution in use

17. Horizontal frequency in use

18. Vertical frequency in use

19. OSD Timer: Set the OSD menu display time. (It appears when "Signal Source" is selected.)

7

4. Specifications

Features / Model	V202 Series
Panel Type:	Active TFT-LCD
Size:	20.1"diagonal
Pixel Pitch:	0.258 (W) × 0.258 (H) mm
Brightness:	270 cd/m^2 (min), 300 cd/ m^2 (typical)
Contrast Ratio:	500:1 (min,),800:1 (typical)
Response Time:	5 ms (typical)
Viewing Angle(H / V)	160°/160° (typical)
Max. Resolution:	1680 (W) x 1050 (H)
Display Color	16.7M
Supported resolution	640 x 480 @ 60/ 72/ 75 Hz 800 x 600 @ 60/ 72/ 75 Hz 1024 x 768 @ 60/ 70/ 75 Hz 1280 x 768 @ 60 Hz 1280 x 960 @ 60 Hz 1280 x 1024 @ 60/ 75 Hz 1600 x 1200 @ 60 Hz 1680 x 1050 @ 60 Hz
Video Input	Analog:15-pin, D-sub connector Digital: DVI connector
Display Area	17.06 (W) x 10.67 (H) inches [433.44 (W) x 270.90 (H) mm]
Power Supply Input voltage:	100-240V /60-50Hz
Power Consumption	50 watts (maximum), 5 watts (standby)
Audio	Built-in speakers, 2W x 2
Frequency	Horizontal:30-80KHz; Vertical: 55-75Hz
Dimensions (pack size)	21.85 (W) x 16.54 (H) x 6.50 (D) inches [555 (W) x 420 (H) x 165 (D) mm]
Safety & EMI	FCC, CE, CB
Weight	N.W.: 14.3 lbs (6.5 Kg) G.W.: 17.6 lbs (8.0 Kg)
Operating Conditions	5°C ~ 40°C; 10%-85% RH
Storage Conditions:	-20°C ~ 55°C; 5%-95% RH
Wall mount	VESA 100 bracket

8

5. Dead Pixel Policy

Dead pixels on the TFT LCD panel are sometimes inevitable. The replacement policy varies with different models. Please refer to the product specification on ViewEra's website.

6. Warranty & Customer Service

a. Warranty

ViewEra warrants the V202 series TFT-LCD monitors for 1 year on LCD panel, parts and labor. For detailed information, please refer to our website.
(http:// www.viewera.com/warranty.htm)

b. Customer Service

Contact your ViewEra retailer or ViewEra for after sale service.

You may contact ViewEra Customer Service for technical support or RMA:

By Mail: 328 Paseo Tesoro, Walnut, CA 91789

2. By Telephone: (800)900-6098

3. By Fax: (909)595-3526

4. By E-mail: Tech. Support-- support@viewera.com

　　　　RMA-- rma@viewera.com

The business hours are 9:00 am – 6:00 pm PST, Mon – Fri.

7. Registration

To receive the full warranty applicable to your purchase, you need to get on our website to fill out the online registration form in Support - http://www.viewera.com/registration.htm , and then email or fax us your purchase invoice. (Email: support@viewera.com ; Fax: (909)595-3526)

9

8. Troubleshooting

1) No image

➢ Check if the power cord、the monitor and the power plug are well connected.

➢ Check if the monitor is off, please contact support@viewera.com for assistance.

2) "No Input Signal" appears.

➢ Check if the VGA cable is tightly connected between the video output connector on the video card and the video input connector on the monitor.

➢ Check if your video card driver is correctly installed. If possible, please re-install or update your video card driver.

3) The image is blurry or not positioned correctly.

➢ Enter the Image menu in the OSD and then select "Auto Adjust" to adjust the display to optimum.

➢ Refer to Chapter 2.6, set your monitor to its native resolution of 1680 by 1050.

4) The color is abnormal

➢ Check the connection of signal cable and make sure the two screws on the connector are securely tightened.

➢ Chick if there is any pin on the signal cable bent or broken off. If there is, it is required to replace the signal cable.

➢ Enter the Color Temperature menu and select AUTO Color to recall the factory settings for color hue.

Free Manuals Download Website

http://myh66.com

http://usermanuals.us

http://www.somanuals.com

http://www.4manuals.cc

http://www.manual-lib.com

http://www.404manual.com

http://www.luxmanual.com

http://aubethermostatmanual.com

Golf course search by state

http://golfingnear.com

Email search by domain

http://emailbydomain.com

Auto manuals search

http://auto.somanuals.com

TV manuals search

http://tv.somanuals.com