


PLANAR



Dome E2c Display

Quick Reference

Windows XP
Windows 2000

Read all instructions before setting up the Dome E2c display. Improper use of the display can result in electric shock, fire, or damage to display components. For more product information, go to www.planar.com/support.

System Requirements

- Intel Pentium 4/Xeon;
AMD Athlon 64/K7/XP or compatible
- PCI Express x16 lane slot
- 50 MB hard disk space
- 256 MB RAM
- CD-ROM drive
- Power supply, 350 watts or greater
- Windows XP or Windows 2000 with Service Pack 4 or higher

Warning

Avertissement

Avvertenza

Advertencia

Warnung

警告

경고



Wear an antistatic heel or wrist strap when installing the controller and display to avoid damage to computer components.

Unpacking the Display

Check the contents of your Dome E2c display package for all the items shown here. Save the original packaging materials for storage and shipping.



Dome E2c display



Video card



DVI cable



Power adapter



Power cord



Software CDs

Also included: Composite Video, S-Video, and VGA cables.

Display Components

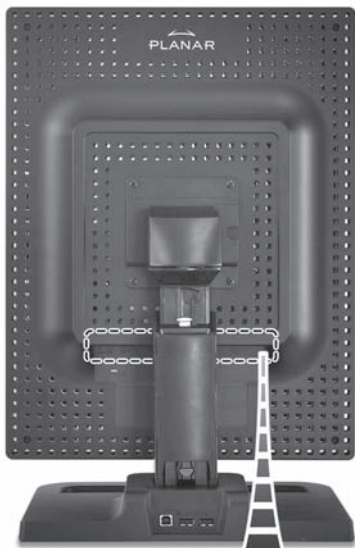
The high-bright UXGA 1200x1600 AMLCD panel is sized to a 541 mm (21.3 in.) display screen. The reset button, LED indicator, and input power and video ports are located on the back of the display. No other user-accessible controls are available.

You can change the brightness of the Dome E2c display in the Display Properties dialog of the Windows operating system. However, when DICOM auto-calibration is running, you must control display brightness via the Dome CXtra software.

NOTE: Diagnosis requiring calibration with the Dome CXtra software can only be supported on the DVI-D interface.



Front view
2-megapixel AMLCD screen



Back view

8 9



1 2 3

4 5

6

7

Legend

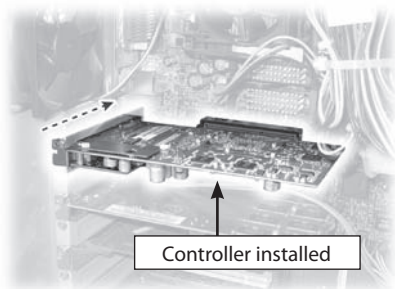
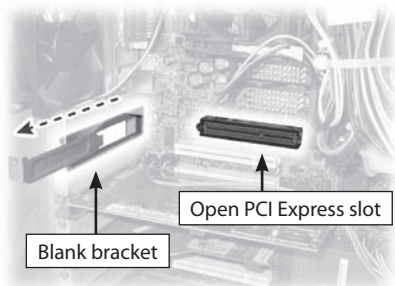
- 1 Reset. Restores default display setting.
- 2 LED indicator. Shows display status.
- 3 DIN 8-pin port. Drives power to the display.
- 4 S-Video, separate video analog input port. Requires a 4-pin mini-DIN connector.
- 5 C-Video, composite video analog input port. Requires an RCA or phono connector.
- 6 DVI, DVI-I video input port. Supports DVI-D digital or DVI-A analog video. Requires DVI connector.
- 7 VGA. VGA video analog input port. Requires an HD15 D-Sub or VGA connector.
- 8 USB-B port
- 9 USB-A port (2)

Installing the Display Controller

Remove any existing graphics card and its driver from your computer system before you install the controller and driver. Also disable any onboard graphics capability on the motherboard. See safety precautions on page 2.

To install the controller

- 1 Turn off your computer and all peripherals. Disconnect all cables from your computer. Leave the power cord plugged into the grounded outlet.
- 2 Remove the computer cover.
- 3 Remove any existing graphics card and video signal cable, if necessary.
- 4 Remove the blank bracket from the available PCI Express slot.
- 5 Insert the controller into the slot, align the connector pins, and press the board down until it is firmly seated.
- 6 Secure the mounting bracket.
- 7 Reattach the computer cover and the peripherals.

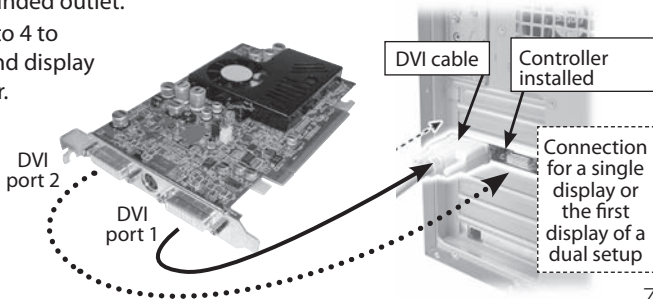
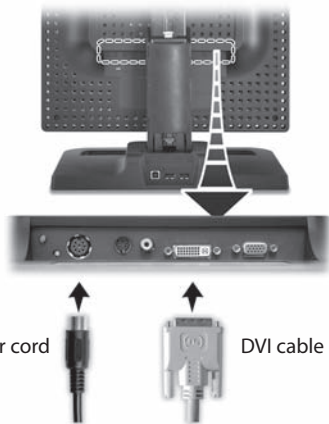


Connecting the Display

Use only the cables and power cord supplied with your display.

To connect the display

- 1 Plug one end of the DVI signal cable to the DVI port on the display. Tighten the thumbscrews to secure the connection.
- 2 Plug the power cord into the power connector on the connector plate.
- 3 Plug the other end of the DVI cable into the video port on the installed controller. (Use DVI port #1 for the first display if you are installing only one display.)
- 4 Plug the other end of the power cord into a grounded outlet.
- 5 Repeat steps 1 to 4 to connect a second display to the controller.
- 6 Power on your display first, then the computer.



Installing the Display Driver

Upon restarting your computer system, you must log on with administrator privileges. On Windows 2000 systems, Service Pack 4 or higher must be installed.

To install the display driver

- 1 Start the system. Click Cancel on the Found New Hardware Wizard dialog box.
- 2 Insert the Planar Installation CD and run the SETUP.EXE utility.
- 3 Click Next on the Welcome dialog.
- 4 Click Yes to the license agreement. The installation starts.
- 5 Follow the onscreen instructions to complete the installation.
Planar recommends that you select the Express installation option.
- 6 When the Setup complete message appears, select Yes, I want to restart my computer now and click Finish.

To configure the display

- 1 Right-click the desktop and select Properties > Settings.
- 2 Use the native resolution of your display.
- 3 Click OK until you return to the desktop.

Adjusting the Display Properties

Use the Display Properties dialog to make changes to the video settings or to set up dual-display configuration.

To set the display orientation

- 1 Right-click the desktop and select Properties > Settings.
- 2 Select the monitor that you want to change. Then click Advanced.
- 3 Click the Monitor tab. Make sure the check box for Hide modes that this monitor cannot display is empty (unchecked).
- 4 Click the Rotation tab.
 - Check Standard Landscape for landscape mode.
 - Check Rotate 90 Left or Right for portrait mode.
- 5 Click Yes to save the setting. Then click OK until to return to the desktop.

To use a dual-display configuration

- 1 Right-click the desktop and select Properties > Settings.
- 2 Click the monitor icon 2. Then select Extend my Windows desktop onto this monitor.
- 3 Set the resolution and color quality for the second display.
- 4 Click Apply or OK.

Handling the Display

- Set up your display on a stable, level surface away from any direct light or heat source, but near a grounded AC outlet.
- Choose a well-ventilated location with an adequate amount of space. Do not block the vents on the back of the display.
- Never lift the display by the desk stand. Use both hands to lift or move the display. Avoid touching the screen.
- Never apply pressure to the screen or touch the screen with bare fingers or with any objects.
- Allow the display unit to reach room temperature before powering on.
- Avoid sudden temperature changes in the environment, as this may cause condensation, which damages the display.
- Never remove the back cover or disassemble the display. There are no user-serviceable parts inside.
- In locations where 240V outlets are used, connect the Dome E2c display only to a center-tapped, 240V, single-phase supply.
- When troubleshooting, check that all cables are properly connected and that your computer is turned on and not in power-saving mode.
- Follow your local governing ordinance for proper disposal or recycling of electronic components.

Cleaning the LCD Screen



Use a dry, clean, lint-free cotton cloth to remove surface dust from the display screen. Do not use chemically treated dust cloths.

To remove grease or organic contaminants, follow this procedure:

- 1 Disconnect the power supply from the display.
- 2 Dampen a soft, clean cloth with a small amount of isopropyl alcohol.
- 3 Wipe the display screen gently with the dampened cloth.
- 4 Use a dry, clean, lint-free cotton cloth to wipe off the residue.



Do not spray or use acetone, toluene, or harsh solvents on the display case or screen. Chemical cleansers may cause damage to the display.



Do not touch the LCD screen with your fingers. Skin oils are hard to remove from the screen.



Do not saturate the cleaning cloth. Liquid that drips on the glass may seep into the display case.



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For more information, download the Dome E2c display manual from the Planar web site.