




PLANAR



Dome E4c Display

Quick Reference

Windows XP
Windows 2000





Read all instructions before setting up the Dome E4c display. Improper use of the display can result in electric shock, fire, or damage to display components. Refer to documentation on the display controller to properly install the video card, connect the display, install the display driver, and adjust display properties. Go to www.planar.com/support for more product documentation.

Display Features

- AMLCD color panel designed for widescreen diagnostic imaging.
- High resolution and high contrast ratio combined for viewing color and grayscale images simultaneously.
- Bezel-free framing of 4 megapixels of data presented in a landscape resolution of 2560 x 1600 pixels.
- Gamma correction achieved on true color display from a palette of 1786 near-gray values.
- Integrated RightLight technology applied to monitor and stabilize backlight luminance.

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





Unpacking the Display

Check the contents of your Dome E4c display package for all the items shown here. Save the original packing materials for storage and shipping.



Video card



DVI cable



Power adapter



Power cord



Software CDs

Option available: VESA wall mounting kit.





Display Components

The LED on the display front indicates display status. Green, the display is connected and running properly. Amber, the video signal is not being received.

Input power and video ports are located on the back. NOTE: When you install the dual-link DVI cable to connect the display to the video card, you must attach the cable connector to port #1 of the video card. In operation, when the cable is disconnected, the display backlight turns off and the unit enters power-saving mode.

No other user-accessible controls are available. You must use the Dome CXtra software to control display brightness and power-saving functions.

After installation, the display turns on automatically when you turn on your computer system.





(bottom view without stand)



Power port DVI port





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 you power it on. Ambient room temperature ranges from 20°C to 25°C (68°F to 77°F).
- Avoid sudden temperature changes in the environment, as this may cause condensation in the display.
- Never remove the back cover or disassemble the display. There are no user-serviceable parts inside.
- When troubleshooting, check that all cables are properly connected and that your computer is turned on or not in power-saving mode.
- Follow your local governing ordinance for proper disposal or recycling of electronic components.





Cleaning the Display

- Periodically clean the display housing with a soft, dry cloth to prevent clogging of the venting holes with dust or other material.
- The display screen can be damaged by excessive scrubbing and by incompatible cleaning solvents. Dampen a clean, soft lint-free cloth with distilled de-ionized water and wipe the screen gently. Use a clean, soft, dry lint-free cloth to remove any residue.
- To remove grease or other organic contaminants, use a 50% to 70% IPA (isopropyl alcohol) solution sparingly. Never use acetone on the screen, as it can damage the antistatic hard coating.

Regulatory Compliance

This display has been tested and found to comply with IEC/EN 60601-1 and IEC/EN 60601-1-2 standards, and is certified to meet medical standard C22.2 No. 601.1-M90 (C US Mark).

The medical display, in addition to meeting medical requirements, has been tested and found to comply with the limits for Federal Communications Commission Class B computing devices in a typically configured system since many medical offices are located in residential areas. It is the system integrator's responsibility to test and ensure that the entire system complies with applicable electromagnetic compatibility laws.

Warranty Summary

- Standard one-year, "repair-and-return" warranty
- Two-year backlight warranty*
- Typical repair turnaround time of 10 business days

* If, within 2 years of initial purchase, the maximum output of the Dome E4c display is determined by Planar Systems to be less than 175 cd/m², Planar will repair or replace the display at its sole discretion.





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