



Dome c2

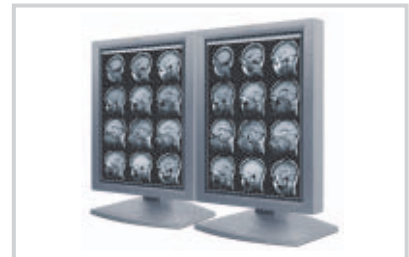
Diagnostic-quality.

DICOM calibrated.

FEATURES:

- > 2-megapixel
- > 19-inch diagonal AMLCD screen
- > Automated DICOM calibration
- > 700 cd/m² luminance
- > 1200 x 1600 pixels
- > 3061 unique shades of gray
- > 700:1 contrast ratio

For referral and low resolution imaging applications, the Dome C2 by Planar is a cost-effective, flexible 1200 x 1600 pixel grayscale flat panel that can display images in portrait or landscape mode. Designed specifically for these applications, the C2 has extremely high luminance and provides unequalled grayscale fidelity and image quality in a DICOM-calibrated monitor.



> Available in single or dual head systems



> DICOM conformance and optional display management through Dome CXtra software



SPECIFICATIONS:	
Screen Size	19-inch diagonal (483 mm)
Display Resolution	1200 x 1600 pixels (portrait) or 1600 x 1200 (landscape) 242µM, 105 dpi
Screen Type	AMLCD: active-matrix liquid crystal display
Viewing Angle	170 degrees H/V
Brightness	700 cd/m ² or 200 fL (typical)
Palette	3061 unique shades of gray
Contrast Ratio	700:1 (typical)
Calibration	Built-in CXtra calibration with optional remote quality-assurance capabilities
Digital Interface	DVI connector
Power requirements	100 to 240 VAC, Frequency of 50 to 60 Hz single phase, Less than 80 watts (typical)
Environmental	Operating temperature from 10° C to 40° C
Display size	17.375" x 13.75" x 3.125" (without stand) (440 mm x 350 mm x 80 mm)
Display weight	15 pounds (6.35 kg) (without stand)
Mounting options	Compatible with 100 mm VESA mounting standards
Digital communications	DDC2B+EDID Built-in USB Hub: 1 uplink port, 2 downlink ports

DX DISPLAY CONTROLLER SPECIFICATIONS:

Display configuration	Single- or dual-headed, portrait or landscape
Display depth	8 bits per pixel grayscale up to 2048 x 2560 pixels (1 or 2 heads)
Display memory	32 MB RAM
Graphics processor	Integrated into the memory controller
VGA controller	Full VGA support on high-resolution displays
Palette	8-bit grayscale, 24-bit truecolor
Lookup table	256-entry, 8-bit to 10-bit
Display	Dome CX digital flat-panel displays
Refresh rate	Programmable to 200 Hz
Video output	Digital data up to 360 MP/S
Bus interface	PCI local bus, 32-bit or 64-bit, up to 66 MHZ
Supported signaling levels	DVI Standard
Power consumption	20 watts
Dimensions	Short-slot PCI 6.875" x 4.2" (174.63 mm x 106.68 mm)
Software	Windows 2000, Windows XP, and Solaris. Supports DirectDraw compatible applications and CXtra DICOM calibration software
Service and support	One-year standard warranty (Extended warranty available)

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(Specifications may vary based on specific customized solution requirements.)

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