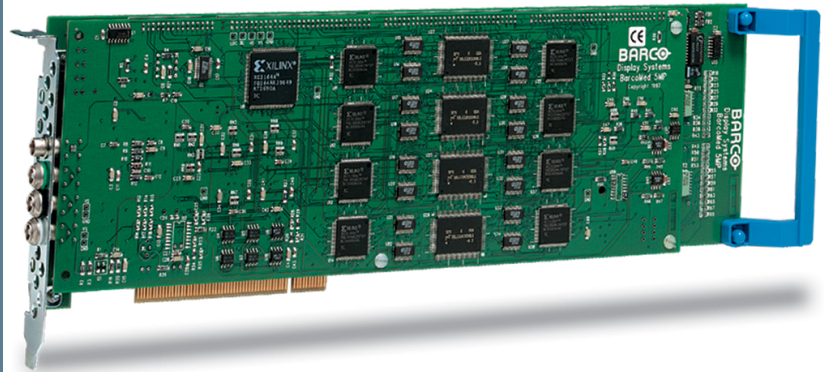


BarcoMed 5MP1H

Single-head 5MP medical display controller



The BarcoMed® 5MP1H, displaying resolutions up to 2048 x 2560, is designed for medical imaging applications that require high resolution grayscale graphics and exceptional video quality.

In contrast to the so-called 10-bit DACs which actually produce only 256 shades of gray, the 5MP1H can display all 1024 shades simultaneously. The 5MP1H stores the complete 12-bit image on board, allowing for real-time window and level operations at 72Hz, without overloading the host computer. The BarcoMed® 5MP1H operates under Windows NT, Windows 2000 and Windows XP.

The BarcoMed® 5MP1H is part of the MeDis® 5MP display system.

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Technische Daten

Bus	<ul style="list-style-type: none">• PCI local bus• Rev 2.1, +5V signaling environment
Formfaktor	<ul style="list-style-type: none">• Single-slot PCI board• 12.2" x 4.2"
Auflösung	<ul style="list-style-type: none">• 2048 x 2560 @ 71 Hz• 2560 x 2048 @ 72 Hz• Software programmable
Anzeigtiefe	<ul style="list-style-type: none">• 12 bit in / 10 bit out DAC• 1024 simultaneous grey shades
Cursor	64 x 64 bitmapped hardware cursor
Speicher	16 MB
Pixeltakt	500 MHz
Host-Plattformen	Intel Pentium & Pentium Pro
Betriebssystem	Microsoft Windows NT, 2000, NT
Display	Supports monochrome displays from major manufacturers
Temperaturbereich	Operating 0° to 50°C Non-operating -40° to 60°C
Luftfeuchtigkeit	Operating 20% to 80% Non-operating 95%
EMI	FCC Class A, CE EN55022A, EN50082-