

## **MD1620-200**

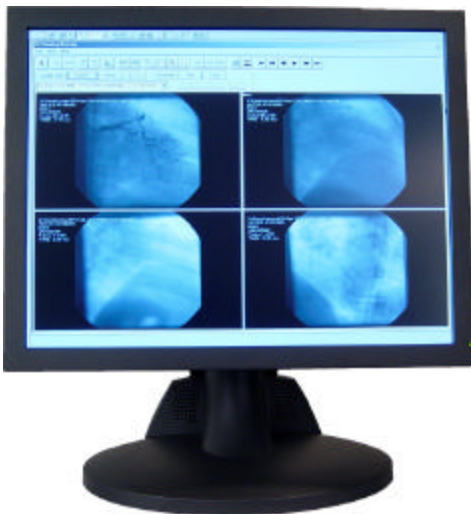
### **20.1" 2 Megapixel Grayscale Display**

#### **Features:**

- Attractive Plastic Cabinet with Tilt/Swivel/Height/4-way pivot adjustments
- Multi-Language On-screen Display
- High Brightness - 700 cd/m<sup>2</sup>
- High Contrast – 1000:1
- Automatic Luminance Stabilizer (ALS)
- Wide Viewing Angle – 170° / 170°
- 2 Mpix Native Resolution - 1600x1200; 1200x1600
- Digital VESA DVI Input; 8-bit video 256 Grayscale
- Analog D-Sub input with Separate TTL Level; TTL Composite Sync; and Sync-on-Green
- Universal Power Supply with VESA DPMS power management
- Optional NTSC/PAL Video Input



**Portrait Orientation**



**Landscape Orientation**

The **MD1620-200** 20.1 inch, 2 Megapixel Monochrome TFT LCD display is specifically designed to meet the demanding requirements for medical imaging view-stations. With high, 1000:1 contrast ratios, brightness levels of 700 cd/m<sup>2</sup>, and an automatic luminance control system that adjusts luminance fluctuation caused by starting up, ambient temperature changes or of backlight aging, this monochrome TFT display provides the sharp, clear screen picture quality needed to view radiological images.

This versatile 20.1 inch monochrome LCD monitor comes complete with standard features such as multi-language on-screen display, digital remote controls, DDC1/2B Plug and Play, and high bright capability, making it a perfect choice for scientific and medical imaging equipment.

The **M1600 Series** grayscale LCD monitors are packaged in an attractive plastic enclosure with portrait and landscape display capability and fit in most desktop or workstation environments. Multi-frequency plug & play and multi-format input capability means these high bright grayscale LCD monitors are easy to interface to a wide variety of video display systems to display high resolution grayscale images from VGA thru UXGA resolutions.

## MD1620-200 Specifications

Size / Technology	20.1" Active-Matrix Monochrome TFT; Anti-Glare & Hard-Coated
Active Display Area (H x V)	408 x 306 mm
Response Time	25 msec
Native Resolution	1600x1200 / 1200x1600
Supported Video Formats	DVI up to VESA 1600x1200 @ 60 Hz VESA 1280x1024 @ 75/60 Hz VESA 1024x768 @ 85/75/70/60 Hz VESA 800x600 @ 85/75/72/60/56 Hz VESA 640x480 @ 85/75/72/60Hz VGA; SVGA; Mac 832x624@75Hz; PowerMac & more
Brightness	700 cd/m2
Contrast Ratio	1000:1
Grayscale	8-bit (256 grayshades)
Viewing Angle (h/v)	170 / 170 Degrees
Back light Stabilizer	Automatic Luminance Stabilization (ALS)
Digital Input Signal	Digital 8-bit (per VESA-Standard DVI)
Analog Input Signals	Video: 0.7Vp-p / 75 Ohm Sync: Separate TTL Level; TTL Composite Sync; or Sync-on-Green Horizontal: 30 – 92 KHz; Vertical: 50 – 85 Hz
Power Consumption (DPMS Energy Star)	80 Watts - Operating; < 8 Watts - Standby
Approvals	FCC, VCCI, MPRII, CE, CUL, UL, TUV-GS, <b>Medical Standards</b> – UL, CUL, TUV/GM
Mechanical Configuration	Plastic Enclosure with Tilt/Swivel/Height/4-way pivot
External Connectors	Digital DVI Input; Analog HD15 D-sub Input; Power IEC
Dimensions	453 x 467 x 251 mm (Portrait)
Weight	11 Kg
Options	<b>MD1620-202</b> - NTSC/PAL Video Input
Warranty	Three year limited warranty



**Side View**



**Rear View**

**Dynamic Displays, Inc.**  
1625 Westgate Road – Eau Claire, WI 54703  
1-800-793-6862 – Fax: (715) 835-2436  
[www.dynamicdisplay.com](http://www.dynamicdisplay.com)