

MID-201

Medical Image Display with 20.1" TFT LCD



Features

- High brightness and contrast
- UXGA 1600 x 1200 resolution
- Four-way ergonomic adjustment: tilt, height, swivel, and pivot
- VESA® standard wall/arm mount ready

Introduction

MID-201 is a medical monochrome display with versatility and visual brilliance. The dual-input flat panel incorporates analog and digital interfaces, offering compatibility with today's analog video standards and tomorrow's digital standards. The ergonomic design provides flexible four-way adjustments for comfortable use, with VESA wall-mounting capabilities to provide a wide array of user options. Furthermore, its portrait mode provides browsing convenience for medical radiography as considerably less scrolling is required. A high maximum resolution of 1600 x 1200 makes it ideal for diagnosing detailed medical graphics. This MID-201 is EN60601-1 and UL60601-1 approved to limit power leakage and EMI. This protects against potential electrical damage or injury to sensitive equipment, patients, and medical staff. Because the MID series uses high brightness, resolution, and contrast ratio LCD displays, the monitors are especially suitable for medical treatment, including CT diagnosis, Electronic X-ray, PACS, and DICOM.

Specifications

General

- **Dimensions (W x H x D)** 453 x 467 x 251 mm (17.8" x 18.4" x 9.9") with base
- **Net Weight** 11 kg (24 lb)
- **Power Consumption** < 80 W
- **Power (AC/DC Adapter)** Input: 100 ~ 240 V_{AC}, 60/50 Hz, 1.0 A
Output: 12 VDC, 6.67 A max.

Display

- **Panel Size/Type** 20.1" TFT monochrome Active Matrix LCD with anti-glare, hard coated (2H) surface
- **Display Size (H x V)** 408 x 306 mm (16.1" x 12")
- **Pixel Pitch (H x V)** 0.255 x 0.255 mm
- **Maximum Resolution** UXGA 1600 x 1200
- **Contrast Ratio** 1000 : 1
- **Brightness** 700 cd/m²
- **Gray Scale** 256 shades
- **Viewing Angle** 170° (Left/Right), 170° (Up/Down)
- **Digital Signal Input** DVI connector
- **Analog Signal Input** 15-pin D-Sub connector

Environment

- **Operating Temperature** 5 ~ 35° C (41 ~ 95° F)
- **Operating Humidity** 20 ~ 80% (no condensation)
- **Operating Altitude** 10,000 ft.
- **Storage Temperature** -20 ~ 55° C (-4 ~ 131° F)
- **Storage Humidity** 10 ~ 90% (no condensation)
- **Storage Altitude** 30,000 ft.
- **Transportation Temperature** -20 ~ 55° C (-4 ~ 131° F)
- **Transportation Humidity** 10 ~ 90% (no condensation)
- **Transportation Altitude** 30,000 ft.
- **Compliance** FCC-B, CSA (C-UL), UL, CE, TUV, EPA Energy Star®

Ordering Information

Part No.	Description
MID-201	Monochrome LCD Monitor with 15-pin D-Sub and DVI input