

MID-181

Medical Image Display with 18.1" TFT LCD



Features

- High brightness and contrast
- SXGA 1280 x 1024 maximum resolution
- Four-way ergonomic adjustment: tilt, height, swivel, and pivot
- VESA® standard wall/arm mount ready

Introduction

MID-181 is a medical monochrome flat display with style, versatility, and visual brilliance. The dual-input flat panel incorporates analog and digital interfaces, and is compatible with today's analog video standards and tomorrow's advanced digital standards. The ergonomic design provides flexible four-way adjustments for comfortable desktop use, along with VESA wall-mounting capabilities. Furthermore, its portrait mode provides browsing convenience for medical radiography since considerably less scrolling is required. The high maximum resolution of 1280 x 1024 makes it very suitable for diagnosing medical graphics. This MID-181 is EN60601-1 and UL60601-1 approved to limit the power leakage and EMI. They represent good insurance against electrical shocks to patients and sensitive equipment. Because the MID series uses high brightness, resolution, and contrast ratio LCD displays, the monitors are especially suitable for medical use, such as CT diagnosis, Electronic X-ray, PACS, and DICOM.

Specifications

General

- **Dimensions (W x H x D)** 432 x 466 x 251 mm (17.0" x 18.4" x 9.9") with base
- **Net Weight** 10.5 kg (23.1 lb)
- **Power Consumption** < 60 W
- **Power (AC/DC Adapter)** Input: 100 ~ 240 V_{ac}, 60/50 Hz, 1.0 A max.
Output: 12 V_{dc}, 6.67 A max.

Display

- **Panel Size/Type** 18.1" TFT monochrome Active Matrix LCD with anti-glare, hard coated (2H) surface
- **Display Size (H x V)** 14.1" x 11.3" (359 x 287 mm)
- **Pixel Pitch (H x V)** 0.2805 x 0.2805 mm
- **Maximum Resolution** SXGA 1280 x 1024
- **Contrast Ratio** 400 : 1
- **Brightness** 750 cd/m²
- **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, EN60601-1, UL60601-1

Ordering Information

Part No.	Description
MID-181	Monochrome LCD Monitor with 15-pin D-Sub/DVI input