MID-190

Medical Image Display with 19" TFT LCD

Features

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

Introduction

MID-190 is a medical color 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 maximum resolution of 1280 x 1024 makes it ideal for diagnosing detailed medical graphics. This MID-190 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 applications,, including CT diagnosis, Electronic X-ray, PACS, and DICOM.

Specifications

General

- **Dimensions (W x H x D)** 431 x 467 x 239 mm (17.0" x 18.4" x 9.4") with base
- **Net Weight** 8.5 kg (18.6 lb)
- **Power Consumption** < 60 W
- **Power (AC/DC Adapter)** Input: 100 ~ 240 V_{AC}, 60/50Hz, 1 A max, Output: 12 V_{DC}, 6.67 A max

Display

- **Panel Size/Type** 19" TFT color Active Matrix LCD
- **Display Size (H x V)** 376.3 x 301.1 mm
- **Pixel Pitch (H x V)** 0.294 x 0.294 mm
- **Maximum Resolution** SXGA 1280 x 1024
- **Display Color** 16.7 million True Color
- **Contrast Ratio** 500 : 1
- **Brightness** 250 cd/m^2
- **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-190	Color LCD Monitor with 15-pin D-Sub/DVI input