

MICA-151 series

15" Industrial Display Monitors



▶ MICA-151

On Screen Display

Introduction

The Mica-151 is an ideal 15" XGA (1024 x 768) color TFT display panel built specifically for industrial applications. It displays brilliant, crisp and flicker-free images with an equivalent screen size of 17" traditional CRT monitors. With the optional touchscreen, the Mica-151 is an excellent and user-friendly system control interface.

The Mica-151 provides all the requirements for an analog RGB interface with a 15" XGA color TFT LCD display can be directly connected to a standard VGA port, multi-scan function display in VGA, SVGA and text-mode full screen. The chassis is constructed with an anodized aluminum front panel and stainless steel chassis. This combination ensures a sturdy and corrosion resistant monitor, and is NEMA 4/12 & IP65 compliant.

Features

- 15" XGA color TFT LCD display
- Aluminum alloy front panel and heavy-duty steel chassis
- Water-proof front panel meets NEMA 4/12 & IP65
- Analog RGB signal directly input offering multi-scan function
- RGB, Composite video AV signal selectable
- VGA Cable length support up to 10 Meters
- Vesa 75mm standard screw holes
- Touchscreen (optional)

Specifications

- **Construction:** Heavy-duty stainless steel chassis & Aluminum alloy front panel meets NEMA4/12 & IP65
- **I/O port:** RGB, Composite video, S-Video
- **Control:** OSD control on front panel
- **Power Supply:** AC 90~260V auto range
- **Dimensions (W x H x D):**
413 x 357.5 x 57.5mm (16.3" x 14.1" x 2.26")
- **Gross Weight:** 10Kg (22.1 lbs)

Environmental

- **Operating temperature:** 0° to 50°C (32~122°F)
- **Storage temperature:** -20° to 60°C (-4~140°F)
- **Storage humidity:** 5 to 95%, non-condensing
- **Vibration:**
5 to 17Hz, 0.1" double-amplitude displacement
17 to 500 Hz, 1.5G peak to peak
- **Shock:** 10G peak acceleration (11 msec. duration)
- **EMI:** CE / FCC Class A

LCD Specification

Model	Mica-151 series
Display type	15" color TFT LCD
Max. resolution	1024 x 768
Max. colors	16M
Dot size (mm)	0.297 x 0.297
Luminance (cd/m²)	200
Viewing angle	80° (H) 80° (V)
Operating temperature	0~50°C (32~122°F)
LCD MTBF(Hrs)	50,000
Back Light MTBF(Hrs)	25,000

Touchscreen (optional)

Type: 8-wire, analog resistive

Resolution: 1024 x 1024

Light transmission: 72%

Lifetime: 1hundred million touches

Operating pressure: 30-45 grams for finger, 10 grams for stylus pen. Contact bounce < 10ms

Controller: RS-232 interface

Power consumption: +5V @200mA

OS support: MS DOS, Windows 3.1, Windows 95, Windows 98, Windows NT, Windows 2000.

Ordering Information

- **Mica-151**
15" TFT LCD, external power adapter and 1.8m VGA extension cable
- **Mica-151R**
Mica-151 + touchscreen (RS-232 interface)



1. S-Video
2. Composite video in
3. VGA
4. DC Power
5. Touch connector port

Dimension

