

M2-490DSN-A1

49" Digital Signage Monitor



Description

The Mach M2-490DSN-A1 is MicroTouch's latest generation of Digital Signage Displays. An extension of MicroTouch's line up of large format touch displays, the M2-490DSN-A1, is a non-touch model intended for digital signage applications like kiosks and digital menu boards in Retail and Hospitality environments.

This 49" professional display features a commercial grade 4K LCD, peak optical performance, versatile I/O, fan-less and logo-less design ideal for the most demanding applications.

Featured Specifications

- Size: 49" TFT LCD
- Maximum Resolution: 3840 x 2160
- Contrast Ratio: 1200:1
- Aspect Ratio: 16:9
- Brightness: 500 nits
- View Angle: H: 178°, V: 178°
- Video Port: 2 x HDMI/1 x DisplayPort/1 x VGA
- Warranty: 3 year
- Compliance: TAA compliant

Specifications

LCD Specifications

Active Area (mm)	1073.8 x 604.0
Diagonal (in)	49"
Pixel Pitch (mm)	0.27963 x 0.27963
Backlight Type	Direct LED
Brightness (Typ.)(nits)	500
Contrast ratio	1200:1
Color Gamut (NTSC)	72%
Response time (ms)	8
Frequency (Hz)	60
Max. Resolution	3840 x 2160
Display Colors	1.07 Billion

I/O Ports

Serial Port	1x RS232 (DB9)
Video Port	2 x HDMI / 1 x DisplayPort / 1 x VGA
Audio Port	PC Audio in/out, SPDIF out
Power Input	AC Input 100~240Vac, 50~60Hz
Power Output	AC output IEC C13 type
Ethernet Port	RJ45
IR Extension Port	1

Mechanical

Display Dimensions (WxHxD)	1098.5 x 628.7 x 74.5 mm
Weight kg/lbs	18 kg
Bezel width (L/R/T/B) (mm)	11.4 mm
VESA mounting (mm)	400 x 400

Power

Input	AC 100-240V 50/60Hz
Max. Power Consumption (watts)	150 W
Power Off (watts)	<0.5W

Environment

Fans	Fanless
Operation Temperature(°C)	-5 ~ 40
Storage Temperature(°C)	Min 20 ~ Max 60
Humidity	35%-85% RH. Non-condensing
Orientation	Portrait/Landscape
Duty Cycle	24 x 7

Specifications Cont'd

Accessory

HDMI Cable, Power Cable (US, EU, and UK), Remote Control, IR Extender Cable	1
--	---

Regulatory

Certifications	FCC/CE/UL/CEC/UKCA
----------------	--------------------



www.MicroTouch.com | us.orders@microtouch.com

MicroTouch Interactive, Inc.
200 East Broadway Avenue, Maryville, TN 37804 | (616) 786-5353

The information presented in this specification sheet is intended as general information about MicroTouch products and is subject to change. Product specifications and warranties will be governed by MicroTouch Interactive, Inc. standard terms and conditions of sale. Products are subject to availability. Copyright © 2025 MicroTouch Interactive, Inc. All rights reserved. MT25-1228 - 040126