

MIC-D2417

24" Resistive Touch LCD Monitor

Features

- 24" LCD Size
- 1920 x 1200 Resolution
- Resistive Touch Screen
- AG Strengthen Touch Glass
- 450 nits Brightness
- EMI Mesh, Optical Bonding
- 1 x DVI-D, 1 x VGA, 1 x USB for Touch

Appearance





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Revision Table

Date	Revision	Content	By
2025/11/7	0.1	First Draft	Cindy Lin

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Specification

LCD	
LCD Size	24-inch TFT
Backlight	LED
Resolution	1920 x 1200
Interface	LVDS
View Angle	± 89° (H), ±89° (V)
Luminance	450 nits (after Bonding)
Contrast Ratio	1000:1
Aspect Ratio	16:10
Response Time	14 ms (Typ.)
No. of Colour	16.7 Million (8 Bit/Colour)
Active Area	518.4 (H) x 324 (V) mm
Pixel Pitch	0.27 (H) x 0.27 (V) mm
LED Life Time	50,000 hrs
Supported Resolution	Up to 2560 x 1600 @60Hz Panel
Input Interface (Border Line)	1x VGA, 1x DVI-D, 2x HDMI, 1x Audio, 1x USB for Touch
Input Interface (On Board Housing)	Backlight, STB (5V, 1amp), Light Sensor, Key + IR, RS232/485 (Reserved, Optional), Audio, Display Port (Reserved, Optional)
Output Interface	1 x LVDS (40 Pins)
Others	1x USB-A (By-Pass)
Audio	10W+10W @ 8Ω Class-D stereo Audio Amplifier
Power Input	DC+12V/ 24V (9-26 Available) Max. Current: 3amp; Quiescent Current <50mA

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Specification

Backlight Power Output	**By-Pass from DC Jack Power Input (Needs to Make Sure the Power Input = Backlight Power Required)
Backlight Max Current	6amp
LVDS Power Selection	DC+3.3V/+5V/+12V
OSD Key	Power, Menu (/OK), Exit (/Back), Up, Down
OSD Language	English
Board Dimension	190 x 105 mm
Dimension	610 x 422 x 100 mm
Weight	TBD
Touch Screen	
Touch Type	5-Wire Resistive Touch
Active Area	519.4 (H) x 325 (V) mm
Touch Interface	USB
Touch Glass	AG Strengthen Glass
EMI Mesh	Yes
Optical Bonding	Yes
Touch Drives	Support Windows, Linux, Mac, etc.

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Environment Compliance

Operating Temp.	-10°C to +60°C
Storage Temp.	-20°C to +70°C
Humidity	Ta ≤ 40°C, 95%RH, Non-Condensing
Shock	Design to Meet MIL-STD-810G
Vibration	Design to Meet MIL-STD-810G
EMI/EMC	Design to Meet MIL-STD461E/F

Environmental performance may vary according to the integration method or final integration scenario.

Deliverables

Item	Part No.	Description
1	MIC-D2417	24" Resistive Touch LCD Monitor

Ordering Information

Model Name	Description	Unit
MIC-D2417	24" Resistive Touch LCD Monitor	1

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