

MIC-D2404

24" Resistive Touch LCD Open Frame

Features

- 24" LCD Size
- 1920 x 1200 Resolution
- Resistive Touch Screen
- AG Strengthen Touch Glass
- 450nits Brightness
- EMI Mesh, Optical Bonding
- Open Frame Design

Appearance





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Revision Table

Date	Revision	Content	By
2023/10/5	0.1	First Draft	Dennis

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Specification

LCD Panel	
LCD Size	24 inch TFT LCD
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 (Tr+Tf) ms
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
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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Accessories	
Boards	USB Touch Control Board
Cables	LVDS Cable, Touch Control Board Cable, LED Backlight Cable
Optical Bonding	Yes
Touch Drives	Support Windows, Linux, Mac, etc.

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

1	24" Resistive Touch LCD Open Frame
1.1	Pre-install USB Touch Control Board
1.2	Pre-install LVDS cable 155mm
1.3	Pre-install Touch Control board Cable 80mm
1.4	Pre-install LED Backlight Cable 280mm

Ordering Information

Model Name	Description	Unit
MIC-D2404	24" Resistive Touch LCD Open Frame	1