

MIC-D1013

10.4" Resistive Touch LCD Module with UV

Features

- 10.4" LCD Size
- 1024 x 768 Resolution
- Resistive Touch Screen
- AG Strengthen Touch Glass
- 800 nits Brightness
- EMI Mesh, Optical Bonding
- Anti-UV Film

Appearance





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Revision Table

Date	Revision	Content	By
2025/7/1	0.1	First Draft	Zoe You
2025/12/17	0.2	Change the term “keyboard” to “keypad”	Zoe You

ACT POWER TAIWAN
Preliminary

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Specification

LCD Panel	
LCD Size	10.4-inch TFT LCD
Backlight	LED
Resolution	1024 x 768
Interface	LVDS
View Angle	± 88° (H), ±88° (V)
Luminance	800 nits (after bonding)
Contrast Ratio	1000:1
Aspect Ratio	4:3
Response Time	25 ms
No. of Colour	16.7 Million (8 Bit/Colour)
Active Area	210.432 x 157.824 mm
Pixel Pitch	0.0685 (H) x 0.2055 (V)
LED Life time	50,000 Hrs
Surface Treatment	Anti-UV Film
Touch Screen	
Touch Type	5-Wire Resistive Touch
Active Area	211.58 x 158.75 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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AD Board	
I/O	LVDS, DVI, VGA, Keypad
Power Input	12VDC
Accessories	
Boards	USB Touch Control Board, OSD Keypad
Cables	LVDS Cable
Optical Bonding	Yes
Touch Drives	Support Windows, Linux, Mac, etc.

Environment Compliance

Operating Temp.	-30°C to +85°C
Storage Temp.	-30°C to +85°C
Humidity	Ta≤40°C, 90%RH, Non-Condensing
Shock	Design to Meet MIL-STD-810F
Vibration	Design to Meet MIL-STD-810E
EMI/EMC	Design to Meet MIL-STD461E/F

Note 1: Environmental performance may vary according to the integration method or final integration scenario.

Note 2: Follow the industrial quality standard this LCD panel will include minimum 3 bright or dead pixels on viewable area and maxium total 5 bright or dead pixels on whole LCD panel.

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Deliverables

1	10.4" Resistive Touch LCD Module with UV
2	ADM-0202 USB Touch Control Board
3	AD Board
4	OSD Keypad
5	LVDS Cable
6	OSD Keypad with Cable

Ordering Information

Model Name	Description	Unit
MIC-D1013	10.4" Resistive Touch LCD Module with UV	1

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