

MIC-D1012

10.4" Resistive Touch LCD Module with UV

Features

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

Appearance





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Revision Table

Date	Revision	Content	By
2025/6/20	0.1	First Draft	Mark

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Specification

LCD Panel	
LCD Size	10.4" TFT LCD
Backlight	LED
Resolution	1024 x 768
Interface	LVDS
View Angle	$\pm 88^{\circ}$ (H), $\pm 88^{\circ}$ (V)
Luminance	800 nits (After Bonding)
Contrast Ratio	1000:1
Aspect Ratio	4:3
Response Time	25 (Tr+Tf) 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
Touch Screen	
Touch Type	5-Wire Resistive Touch
Active Area	210.4 x 157.8 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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UV	
Transmittance	> 90%
Haze	< 0.7%
UV Blocking Rate	> 99%
Refractive Index	1.48 ± 0.02

Environment Compliance

Operating Temp.	-40°C to +60°C
Storage Temp.	-40°C to +60°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	USB Touch Control Board

Ordering Information

Model Name	Description	Unit
MIC-D1012	10.4” Resistive Touch LCD Module with UV	1

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