

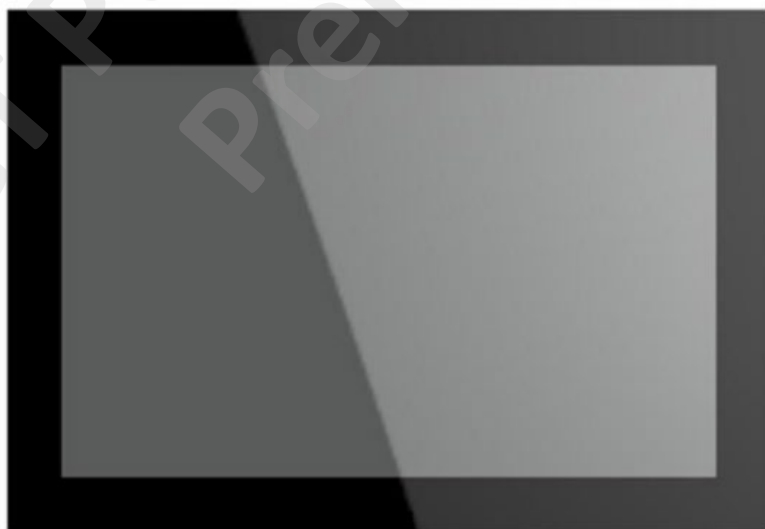
MIC-D1015

10.1" Capacitive Touch Display with EMI Mesh & Optical Bonding

Features

- 10.1" LCD Size
- 1920 x 1200 Resolution
- Capacitive Touch Screen
- AG/AR Protected
- 1200 nits Brightness
- EMI Mesh, Optical Bonding

Appearance





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Revision Table

Date	Revision	Content	By
2025/10/31	0.1	First Draft	Zoe You

ACT POWER TAIWAN
Preliminary

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Specification

LCD Size	10.1-inch TFT LCD
Touch	Capacitive Touch
Backlight	LED
Resolution	1920 x 1200
Interface	LVDS
View Angle	± 80° (H), ±80° (V)
Luminance	1200 nits
Contrast Ratio	1000:1
Aspect Ratio	16:10
Response Time	25 ms
No. of Colour	16.7 M
Active Area	216.58 x 135.36 mm
Pixel Pitch	0.1128 (W) x 0.1128 (H)
LED Life time	50,000 Hrs
Interface	LVDS
Touch Glass	AG/AR
EMI Mesh	Yes
Optical Bonding	Yes
Power Supply	TFT LCD 3.3V, Backlight 14.3V

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Environment Compliance

Operating Temp.	-20°C to +70°C
Storage Temp.	-30°C to +80°C
Humidity	Ta≤60°C, 90%RH, Non-Condensing
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	10.1" Capacitive Touch Display with EMI Mesh & Optical Bonding
2	Touch Control Board

Ordering Information

Model Name	Description	Unit
MIC-D1015	10.1" Capacitive Touch Display with EMI Mesh & Optical Bonding	1

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