

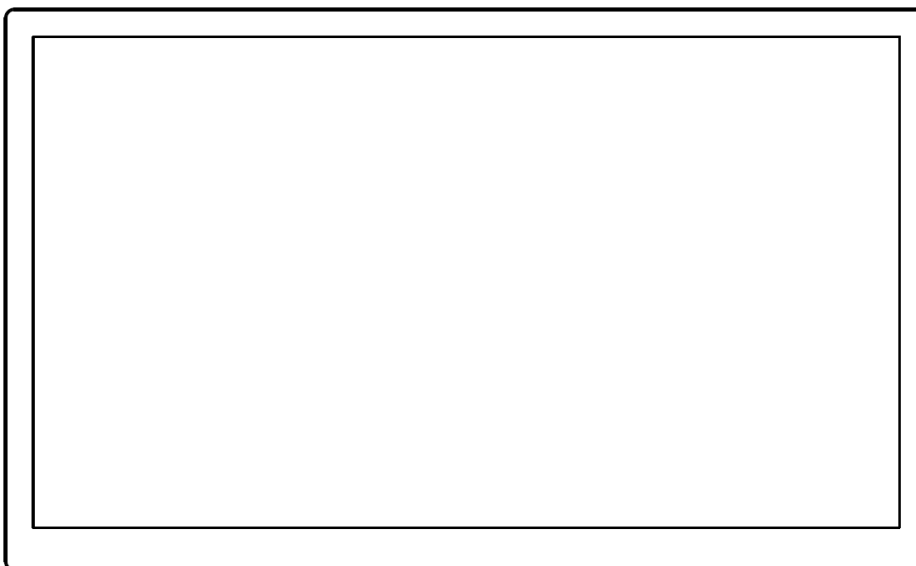
MIC-D2106

21.5" LCD Kits with EMI Mesh & Optical Bonding

Features

- 21.5" LCD Size
- 1920 x 1080 Resolution
- 300 nits Brightness (after Bonding)
- 0 to + 55°C Operating Temperature
- EMI Mesh, Optical Bonding
- Strengthen Glass $\geq$ 5H
- AD Board with 2x HDMI, 1x DVI & 1x VGA Output, 12VDC Input

Appearance





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Revision Table

Date	Revision	Content	By
2025/4/2	0.1	First Draft	Dennis

MIC-D2106

21.5" LCD Kits with EMI Mesh & Optical Bonding Specification

LCD Panel	
LCD Size	21.5-inch TFT LCD
Backlight	LED
Resolution	1920 x 1080
No. of Colours	16.7M
View Angle	$\pm 89^\circ$ (H), $\pm 89^\circ$ (V)
Luminance	300 nits (after Bonding)
Contrast Ratio	1000:1
Pixel Pitch	0.24795 x 0.24795mm
Aspect Ratio	16:9
LCD Panel Life Time	50,000 hrs.
Interface	LVDS
Response Time	15ms (Tr+Tf)
Active Area	476.064(W) x 267.786(H) mm
Touch Glass	
EMI Mesh	Yes
Optical Bonding	Yes
Cover Glass	Strengthen Glass
Glass Surface Hardness	$\geq 5H$
AD Board (IAD-M121)	
Power Input	12VDC/ 24VDC (Power Input Bypass for Backlight)
Input Sources	2x HDMI, 1x VGA, 1x DVIVGA, HDMI, Audio Input
OSD	Multi Language OSD Menu; Buttons: Power ON/OFF, Menu, Source, Adjust -, Adjust +

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

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Environment Compliance

Operating Temp.	0°C to +55°C
Storage Temp.	-20°C to +60°C
Humidity	Ta≤40°C, 90%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

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.

Deliverables

1	21.5" Capacitive Touch LCD Kits with EMI Mesh & Optical Bonding
2	IAD-M121 AD Board (2x HDMI, 1x DVI, 1x VGA)
3	LVDS Cable (60cm)
4	Backlight Cable (60cm)
5	OSD Cable (60cm)
6	OSD Keyboard

Ordering Information

Model Name	Description	Unit
MIC-D2106	21.5" LCD Kits with EMI Mesh & Optical Bonding	1

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