

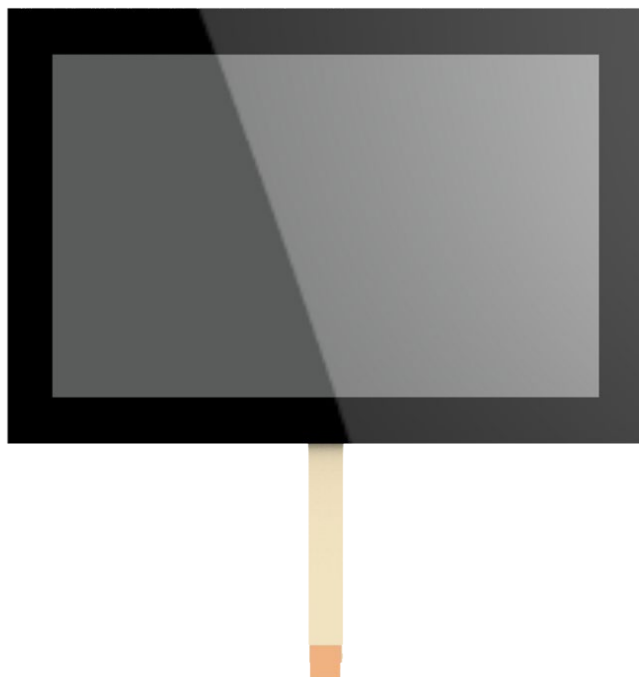
SLM-MR101M-E

10.1" LCD Module with Bezel

Features

- Operating Temperature: -20°C To $+70^{\circ}\text{C}$
- Storage Temperature: -30°C To $+80^{\circ}\text{C}$
- Optical Bonding: EMI Mesh With Optical Bonding
- LED Life Time: 70,000 Hours
- EMI/EMC Is Designed to Meet ML-STD-461E/F
- Shock Is Designed to Meet MIL-STD-810D
- Vibration Is Designed to Meet MIL-STD-810E

Appearance



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Revision Table

Date	Revision	Content	By
2021/3/29	0.1	Basic	Mark
2021/11/19	0.2	Drawings Updated – Touch Glass Cable Location	Mark
2023/4/22	0.3	Drawings AX1 Revised	Dennis
2023/4/26	0.4	Drawings AX2 Revised. Accessories added.	Dennis
2023/4/27	0.5	Add Connectors parts number	Dennis
2023/4/29	0.6	Add Molex 0150181173 as delivers, remove LVDS cable, backlight cable and backlight board	Dennis
2023/9/7	0.7	Update 3M Tape & Copper Tape on the drawings	Dennis
2023/9/28	0.8	Update 3M Tape & Copper Tape on the drawings	Dennis

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Specification

LCD Panel	
LCD Size	10.1 inch TFT
Backlight	LED
Resolution	1920 x 1200
Interface	LVDS
View Angle	$\pm 80^{\circ}$ (H), $\pm 80^{\circ}$ (V)
Luminance	700 nits (After Bonding)
Contrast Ratio	900:1
Aspect Ratio	16:9
Response Time	30 ms
No. of color	16.7 M
Active Area	216.8064 (H) x 135.504 (V) mm
Pixel Pitch	0.03764 (H) x 0.11292 (V)
LED Life time	70,000 Hrs
EMI Mesh	Yes
Optical Bonding	Yes
Touch Panel	
Touch Type	5-Wire Resistive Touch
Active Area	217.56 x 136.20 mm
Touch Interface	USB
Cover Glass	AG/AR Coating, Strengthen Glass
Touch Drives	Support Linux, Windows, Mac, etc.

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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
Shock	Design to meet MIL-STD-810D
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.

Deliverables

1	10.1" LCD Module with Bezel
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Ordering Information

Model Name	Description	Unit
SLM-MR101M-E	10.1" LCD Module with Bezel	1

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