

# SLM-MR150M-E

15" Resistive Touch LCD Module with EMI Mesh & Optical Bonding

## Features

- Operating Temperature:  $-20^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$
- Storage Temperature:  $-30^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Optical Bonding: EMI Mesh with Optical Bonding
- LED Life Time: 50,000 Hours (Min)
- EMI/EMC Is Designed to Meet MIL-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
2025/2/14	0.1	New datasheet update	Mark

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## Specification

LCD Panel	
LCD Size	15 inch TFT
Backlight	LED
Resolution	1024 x 768
Interface	LVDS
View Angle	$\pm 88^\circ$ (H), $\pm 88^\circ$ (V)
Luminance	700 nits(after bonding)
Contrast Ratio	2500:1
Aspect Ratio	4:3
Response Time	13 ms
No. of color	16.7 M
Active Area	304.1 (H) x 228.1 (V) mm
Pixel Pitch	0.297 (H) x 0.297 (V)
LED Life time	50,000 Hrs
EMI Mesh	Yes
Optical Bonding	Yes
Touch Panel	
Touch Type	5-wires Resistive Touch
Active Area	307.10 x 231.10 mm
Touch Interface	USB
Cover Glass	AR/AG Strengthen Glass
Touch Drives	Support Linux, Windows, Mac, etc.

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## Environment Compliance

Operating Temp.	-20°C to +55°C
Storage Temp.	-30°C to +70°C
Humidity	Ta=40°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

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

## Deliverables

1	15" Resistive Touch LCD Module with EMI Mesh & Optical Bonding
2	Touch Control Board
3	Touch USB Cable

## Ordering Information

Model Name	Description	Unit
SLM-MR150M-E	15" Resistive Touch LCD Module with EMI Mesh & Optical Bonding	1

## Disclaimer

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