

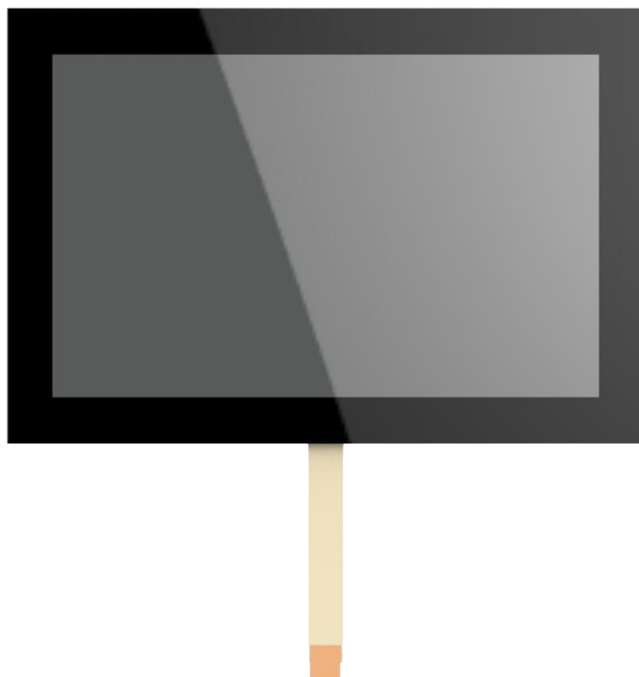
SLM-MR101M-E

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



SLM-MR101M-E

10.1" LCD Module with Bezel

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

SLM-MR101M-E

10.1" LCD Module with Bezel

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.



SLM-MR101M-E

10.1” LCD Module with Bezel

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

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

Deliverables

1	10.1” LCD Module with Bezel
---	-----------------------------

Ordering Information

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

Disclaimer

This datasheet is for informational purposes only and does not constitute professional advice, a contractual obligation, or a guarantee of any kind. While efforts have been made to ensure accuracy, ACT POWER TAIWAN makes no representations or warranties, express or implied, regarding its completeness or reliability. ACT POWER TAIWAN reserves the right to update, modify, or withdraw this document at any time without prior notice. Users should verify the suitability of the product for their specific application through independent testing and validation. ACT POWER TAIWAN shall not be liable for any direct, indirect, or consequential damages arising from the use of this document.