

SLM-MR104M-E

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

Features

- Operating Temperature: -30°C to $+80^{\circ}\text{C}$
- Storage Temperature: -30°C to $+80^{\circ}\text{C}$
- Optical Bonding: EMI Mesh with Optical Bonding
- LED Life Time: 60,000 Hours
- 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





SLM-MR104M-E

10.4” Resistive Touch LCD Module with EMI Mesh & Optical Bonding

Revision Table

| Date | Revision | Content | By |
|-----------|----------|----------------------|------|
| 2025/2/13 | 0.1 | New datasheet update | Mark |

SLM-MR104M-E

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

Specification

| LCD Panel | |
|-----------------|--|
| LCD Size | 10.4 inch TFT |
| Backlight | LED |
| Resolution | 1024 x 768 |
| Interface | LVDS |
| View Angle | $\pm 80^{\circ}$ (H), $\pm 65^{\circ}$ (V) |
| Luminance | 700 nits(after bonding) |
| Contrast Ratio | 1000:1 |
| Aspect Ratio | 4:3 |
| Response Time | 25 ms (Tr+Tf) |
| No. of color | 16.7 M |
| Active Area | 210.4 (H) x 157.8 (V) mm |
| Pixel Pitch | 0.2055 (H) x 0.2055 (V) |
| LED Life time | 60,000 Hrs |
| EMI Mesh | Yes |
| Optical Bonding | Yes |
| Touch Panel | |
| Touch Type | 5-wires Resistive Touch |
| Active Area | 211.58 x 158.75 mm |
| Touch Interface | USB |
| Cover Glass | AR/AG Strengthen Glass |
| Touch Drives | Support Linux, Windows, Mac, etc. |

SLM-MR104M-E

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

Environment Compliance

| | |
|-----------------|-------------------------------|
| Operating Temp. | -30°C to +80°C |
| Storage Temp. | -30°C to +80°C |
| Humidity | 90% RH, @ 60°C 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 | 10.4" Resistive Touch LCD Module with EMI Mesh & Optical Bonding |
| 2 | Touch Control Board |
| 3 | Touch USB Cable |

Ordering Information

| Model Name | Description | Unit |
|--------------|--|------|
| SLM-MR104M-E | 10.4" Resistive Touch LCD Module with EMI Mesh & Optical Bonding | 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.