

Product Specifications:

LCD Module	
LCD Size	24" TFT LCD
Backlight	LED
Resolution	1920 x 1080
View Angle	± 89° (H), ±89° (V)
Interface	2-ch LVDS
Luminance	1000 cd/m ²
Contrast Ratio	5000:1
Response Time	25 ms
No. of Color	16.7M colors
Active area	531.36 (H) X 298.89 (V) mm
Pixel Pitch	276.75 (per one triad) x 276.75 um
LED Life Time	70,000Hrs
Overall Dimensions (L*W*D) (Touch Panel + EMI Mesh + LCD)	556 (W)×323.2 (H)×21.5 (D) (+/-0.5 mm) (Approximately total thickness after Bonding)
Power Consumption	44.88W (VDD line=6.0 W; LED lines= 38.88 W)

Touch Screen	
Touch Type	5 Wire Resistive Touch Panel
Viewable Area	535.40 x 303.00 mm
Active Area	531.36 x 298.89 mm
Touch Drives	Support Windows, Linux, Mac, etc.
Touch Interface	USB
Touch Glass	AG/AR/AF Strengthen Glass
Surface Hardness	>6H
Size	20mm X 75mm
Stylus/Gloves/Finger	Support operation with Stylus/Gloves/Finger

Optical Bonding	
Optical Bonding	Yes
EMI Mesh	Yes, EMI Protective mesh with provision for 360° Electrical grounding and 90% Visibility to be provided

Reliability and Environmental Specifications	
Operating Temperature	-20 °C to +70 °C
Storage Temperature	-30 °C to +75 °C
Humidity	Operating: 90%, @ 60 °C non-condensing
EMI/EMC	EMI Protective Mesh with 360 electrical connectivity design to meet MIL-STD461E/F
Dust	Design to subject to JSS 55555, Test No.14 Duration 1 Hour

Note: Keetronics ensures that the design meets the required specifications; however, it is the customer's responsibility to assemble the display module with the appropriate bezel/unit and perform testing of the complete unit to verify compliance and functionality.