

Product Specifications

LCD Module	
LCD Size	13.3 TFT LCD
Backlight	LED
Resolution	1920 x 1080
View Angle	± 89° (H), ±89° (V)
Interface	2 ch LVDS
Luminance	700 cd/m2 (after bonding)
Contrast Ratio	800:1
Response Time	25 ms
No. of Color	16.7M (True 8 Bit)
Active area	293.472(H) x 165.078(V) mm
Pixel Pitch	0.15285 (H) x 0.15285 (V) mm
LED Life Time	50,000Hrs Min
Overall Dimensions (L*W*D) (Glass + Mesh + LCM)	330.76 X 214.24 X 12.2 (+/- 0.5 mm) (Approximately total thickness after bonding)
Power Consumption	13.55W

Touch Screen	
Touch Type	Projected Capacitive Touch Technology (PCAP)
Glass Viewable Area	294.62 x 166.17 mm
Sensor Active Area	296.62 x 168.17 mm
Touch Glass	AG/AR Strengthen Glass
Touch Drives	Support Windows, Linux, Mac, etc.
Touch Interface	USB
Cable	USB, 1.8 Meter

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 +70°C (*)
EMI/EMC	Design to meet MIL-STD461E/F (*)
Dust	Design to subject to JSS 55555, Test No.14 Duration 1 Hour
Humidity	Operating: 90%, @ 60°C non-condensing
Altitude	0~9144 M (30000 feet)(*)

*: To work with mentioned certifications, this Product has offered the potential to be designed in to gain such certification however it is still depends on the final design of the full unit to pass the test and validation of such certification.