

Product Specification

Product General Specifications	
Display Size	5.7 Inch Diagonal
Resolution	640 (H) x 480 (V)
Display Active Area	115.2 (H) x 86.4 mm (V)
Display colour	262K/16.7M
Refresh Rate	≥60 Hz
Aspect Ratio	4:3
Display outer dimension (with touch and optical bonding)	129.5(W) x 102.56 (H) X 8.59(T) (mm)
Display Panel Type	TFT LCD
Interface	LVDS
Backlight	LED
Input Voltage	VDD = 3.3V @ max 80mA, Led Forward Voltage = 18V @ typ 80mA
Contract Ratio	1200: 1
Brightness	1000 cd/m ²
Response Time	30ms (Typ.)
View Angle	85 / 85 / 85 / 85 (T/B/L/R)
MTBF (LED Backlight)	≥50000 Hrs

Touch Screen	
Touch Type	5 wires Resistive Touch
Touch Interface	USB
Touch Driver	Support Windows, Linux, Mac., etc.
Surface Hardness	≥5H with tempered glass touch glass, AG / AR Strengthen Glass
Active Area	115.2 (W) x 86.4 (H) mm
Overall Area	129.30 (W) x 102.36 (H) x 2.89 (T) mm
Stylus/ Gloves	Operation with stylus/ finger/ gloves on high altitude operation Sunlight Readable.

Optical Bonding	
LCD + Touch screen	Optical bonding with anti-glare feature.
EMI Mesh	EMI Protective mesh with provision for 360 deg. Electrical grounding and 85% visibility.

Reliability and environmental Specification	
Operating Temperature	-30°C +/- 3°C to +80°C +/- 3°C
Storage Temperature	-40°C +/- 3°C to +85°C +/- 3°C
Humidity	10 to 90% non-condensing
EMI/EMC	Design to meet MIL-STD-461E/F

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.