

Product Specifications

| LCD Module | |
|----------------------------|---|
| LCD Size | 21.5 Inch TFT LCD |
| Backlight | LED |
| Resolution | 1920 x 1080 |
| View Angle | ± 89° (H), ±89° (V) |
| Interface | LVDS |
| Luminance | 700 cd/m2 (after bonding) |
| Contrast Ratio | 5000:1 |
| Response Time | 25 ms |
| No. of Color | 16.7M (True 8 Bit) |
| Active area | 476.60(H) x 268.11(V) mm |
| Pixel Pitch | 0.24825(H) x 0.24825(V) mm |
| LED Life Time | 70,000Hrs |
| Overall Dimensions (L*W*D) | 495.60 x 292.20 x 14.20 (+/-0.5) (Approximately total thickness after bonding) |
| Touch Screen | |
| Touch Type | Capacitive Touch |
| Viewable Area | 476.6 x 268.1 mm |
| Active Area | 478.6 x 270.1 mm |
| Optical Bonding | |
| Optical Bonding | Yes |
| EMI Mesh | Yes, EMI Protective mesh with provision for 360° Electrical grounding and 90% Visibility to be provided |
| Touch USB Converter | |
| Touch Type | Capacitive Touch |
| Touch Drives | Support Windows, Linux, Mac, etc. |
| Touch Interface | USB |
| Size | 30mm X 94mm |
| Cable | USB, 1.8 Meter |
| Environmental | |
| Operating Temperature | -20°C to +80°C (*) |
| Storage Temperature | -30°C to +80°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 |

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