

## 21.5 Inch Capacitive Touch LCD Module (Rear Mount) :

### Product Specification :

| 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)<br>(Touch Panel + EMI Mesh + TFT) | 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        | EMI Protective mesh with provision for 360 deg. Electrical grounding and 90% visibility. |

## Product Specification :

| 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                      |

| Optical Bonding |                                                                                          |
|-----------------|------------------------------------------------------------------------------------------|
| Optical Bonding | Yes                                                                                      |
| EMI Mesh        | EMI Protective mesh with provision for 360 deg. Electrical grounding and 90% visibility. |

| 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                    |

——: End :——