

<Color TFT-LCD Module >

# AA121SU11

12.1 inch SVGA  
FOR INDUSTRIAL USE

AA121SU11



## FEATURES

Super High Bright 1500cd/m<sup>2</sup>

Slim Design D=9.5mm

LED Lifetime 100,000h (Typ.) \*1), \*2)

Wide Operation Temperature Range -30~80°C

Natural Color Matrix \*3)

\*1) LED life time is defined as the time when the brightness becomes 50% of the initial value.

\*2) The life time of the backlight depends on the ambient temperature. The life time will decrease under high temperature.

\*3) Natural Color Matrix brings more vivid color that is closer to original image.

## SPECIFICATION

| ITEM                           | SPECIFICATION  |
|--------------------------------|--|
| Display Area (mm)              | 246.0(H)× 184.5(V)<br>(12.1-inch diagonal)                               |
| Number of Dots                 | 800 × 3 (H) × 600 (V)  |
| Pixel Pitch (mm)               | 0.3075 (H) × 0.3075 (V)  |
| Color Pixel Arrangement        | RGB vertical stripe  |
| Display Mode                   | Normally white   |
| Number of Color                | 262k(6 bit/color), 16.7M(8 bit/color)                                    |
| Luminance (cd/m <sup>2</sup> ) | 1500   |
| Viewing Angle (CR ≥ 10)        | -80~80° (H), -80~80° (V)   |
| Surface Treatment              | Anti-glare and hard-coating 3H   |
| Electrical Interface           | LVDS (6 bit/8 bit)   |
| Viewing Direction              | Higher Contrast ratio: 6 o'clock<br>Less gray scale reversal: 12 o'clock |
| Module Size (mm)               | 260.5 (W) × 203.0 (H) × 9.5 (D)  |
| Module Mass (g)                | 590  |
| Backlight Unit                 | LED, edge-light  |

Characteristic value without any note is typical value.

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