

**<Color TFT-LCD Module>**

# AA121ST01

12.1 inch SVGA  
FOR INDUSTRIAL USE

AA121ST01


**FEATURES**

- Super Wide Viewing Angle (-88~88° ; H, V)
- High Contrast Ratio 1000:1
- High Color Saturation (72% compared to NTSC)
- LED driver implemented
- LED Lifetime 100,000h (Typ.) \*1)

\*1) LED life time is defined as the time when the brightness becomes 50% of the initial value.  
The life time of the backlight depends on the ambient temperature. The life time will decrease under high temperature.

ITEM	SPECIFICATION
Display Area (mm)	246.0(H) × 184.5(V) (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 black
Number of Color	262k(6 bit/color), 16.7M(8 bit/color)
Luminance (cd/m <sup>2</sup> )	600
Viewing Angle (CR ≥ 10)	-88~88° (H), -88~88° (V)
Surface Treatment	Anti-glare and hard-coating 3H
Electrical Interface	LVDS (6 bit/8 bit)
Module Size (mm)	260.5 (W) × 203.0 (H) × 9.5 (D)
Module Mass (g)	570
Backlight Unit	LED, edge-light

Characteristic value without any note is typical value.

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