

**<Color TFT-LCD Module>**
**AA121XP13**

 12.1 inch XGA  
 FOR INDUSTRIAL USE

AA121XP13


**FEATURES**

- Super Wide Viewing Angle (-88~88° ; H, V)
- High Contrast Ratio 1000:1
- Super High Bright 1000cd/m<sup>2</sup>
- LED Lifetime 100,000h (Typ.) \*1)
- Wide Operation Temperature Range (-40~80°C)

\*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)	245.76(H) × 184.32(V) (12.1-inch diagonal)
Number of Dots	1024 × 3 (H) × 768 (V)
Pixel Pitch (mm)	0.240 (H) × 0.240 (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> )	1000
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)	600
Backlight Unit	LED, edge-light

Characteristic value without any note is typical value.

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