

<Color TFT-LCD Module >

AA121TH01

12.1 inch WXGA
FOR INDUSTRIAL USE

AA121TH01



FEATURES

- Slim Design (D=9.7mm)
- High Contrast Ratio 1000:1
- Super Wide Viewing Angle (-85~85° H,V)
- LED driver Implemented
- 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) | 261.12 (H) × 163.2 (V) (12.1-inch diagonal) |
| Number of Dots | 1280 × 3 (H) × 800 (V) |
| Pixel Pitch (mm) | 0.204 (H) × 0.204 (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 ²) | 500 |
| Viewing Angle (CR ≥ 10) | -85~85°(H), -85~85°(V) |
| Surface Treatment | Anti-glare and hard-coating 3H |
| Electrical Interface | LVDS (6 bit/8 bit) |
| Viewing Direction | Higher Contrast ratio: 6 o'clock Less gray scale reversal: 12 o'clock |
| Module Size (mm) | 283.0 (W) × 185.1 (H) × 9.7 (D) |
| Module Mass (g) | 580 |
| Backlight Unit | LED, Edge-light |

Characteristic value without any note is typical value.

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