

**<Color TFT-LCD Module>**
**AA090ME01**

 9.0 inch WVGA  
 FOR INDUSTRIAL USE

AA090ME01


**FEATURES**

- Super Wide Viewing Angle (-88~88° ; H, V)
- High Color Saturation (72% compared to NTSC)
- 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)	196.8 (H) × 118.08 (V) (9.0-inch diagonal)
Number of Dots	800 × 3 (H) × 480 (V)
Pixel Pitch (mm)	0.246 (H) × 0.246 (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> )	400
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)	219.0 (W) × 136.2 (H) × 9.5 (D)
Module Mass (g)	320
Backlight Unit	LED, edge-light

Characteristic value without any note is typical value.

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#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.