

[Features]

- High contrast (800:1)
- 262K colors (LVDS RGB 6-bit)
- Wide temperature(-30°C to +80°C)
- Reversible-scan direction
- Long-life LED backlight^{*1}



Pixel	800(H) x 480(V)
Display area	152.4(H) x 91.44(V)mm 7.0 inches (18cm)
Display color	262,144 colors
Pixel pitch	0.1905(H) x 0.1905(V)mm
Luminance	500cd/m ² (typ.)
Contrast ratio	800:1 (typ.)
Viewing angle^{*2}	Up:80°, Down:80°, Left:80°, Right:80°
Response time^{*3}	8ms (typ.)
Signal system	LVDS 1-port RGB 6-bit
Power supply voltage	LCD signal processing board:3.3V, LED driver:12.0V
Power consumption	3.0W (typ.)
Operating temperature	-30°C to +80°C
Storage temperature	-40°C to +80°C
Polarizer surface	Clear
Module size	W 170.0 (typ.) x H 111.0 (typ.) x D 9.0 (max.) mm
Weight	185g (typ.)
Backlight	LED backlight
LED driver	Built in

*1 100k hours long life LED

*2: Contrast ratio ≥ 10:1

*3: Ton+Toff (10%←→90%)

*All information is subject to change without notice.

*Screen images are simulated.

<Tianma Japan web site>

Japanese <https://www.tianma.co.jp/jp>

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Published date: Jul. 2017
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