

[Features]

- Ultra-wide viewing angle (Super Fine TFT (SFT))
- High contrast
- Wide color gamut
- Wide temperature range
- LVDS interface
- 8-bit digital signals for data of RGB
- Narrow frame
- LED backlight built in LED driver



Pixel	1,920(H) x 1,080(V)
Display area	408.96(H) x 230.04(V)mm (18.5 inches (47cm) diagonal)
Display color	16,777,216 colors
Pixel pitch	0.213(H) x 0.213(V)mm
Luminance	400cd/m ² (typ.)
Contrast ratio	1000:1 (typ.)
Viewing angle ^{*1}	Up: 88° (typ.), Down: 88° (typ.), Left: 88° (typ.), Right: 88° (typ.)
Response time ^{*2}	25ms (typ.)
Interface	LVDS interface(2 ports), RGB 8-bit
Power supply voltage	LCD panel signal processing board: 5.0V, LED driver: 12.0V
Power consumption	15.3W (typ.)
Operating temperature	-20°C to +70°C
Storage temperature	-20°C to +80°C
Polarizer surface	Antiglare
Color gamut ^{*3}	72% (typ.)
Module size	430.4 (typ.) x 254.6 (typ.) x 14.0 (max.) mm
Weight	1,550g (typ.)
Backlight	LED backlight
LED driver	Built-in

*1: Contrast ratio ≥ 10:1

*2: Ton+Toff (10%←→90%)

*3: Against NTSC color space

*All information is subject to change without notice.

*Screen image is simulated.

<Tianma Japan web site>

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

English <https://www.tianma.co.jp/en>