

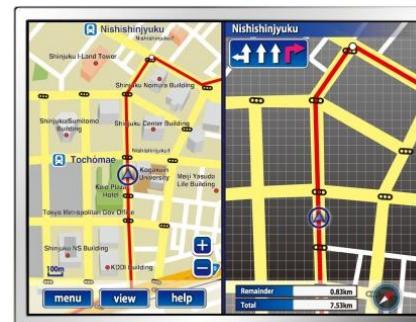
NL8060BC31-51C

12.1" SVGA

Industrial use

[Features]

- Adoption of T-EVT (Transmissive- Enhanced View TFT)
- High luminance
- High contrast
- **ColorXcell** technology (Color Enhancement)
- Low reflection
- Wide viewing angle
- Wide temperature range
- LVDS interface
- Selectable LVDS data input map
- Reversible-scan direction
- Selectable 8-bit or 6-bit digital signals for data of RGB
- Long life LED backlight^{*1}
- Replaceable lamp for backlight



Pixel	800(H) x 600(V)
Display area	246.0(H) x 184.5(V)mm (12.1 inches (31cm) diagonal)
Display color	16,777,216 colors/ 262,144 colors
Pixel pitch	0.3075(H) x 0.3075(V)mm
Luminance	900cd/m ² (typ.)
Contrast ratio	1,000:1 (typ.)
Viewing angle ^{*2}	Up: 80° (typ.), Down: 80° (typ.), Left: 80° (typ.), Right: 80° (typ.)
Response time ^{*3}	18ms (typ.)
Interface	LVDS 1port, RGB 8-bit/ 6-bit
Power supply voltage	LCD panel signal processing board: 3.3V
Power consumption	7.0W (typ.)
Operating temperature	-30°C to +80°C
Storage temperature	-30°C to +80°C
Polarizer surface	Clear + Antireflection (AR)
Module size	260.5 (typ.) x 203.0 (typ.) x 9.2 (max.) mm
Weight	490g (typ.)
Backlight	LED backlight (Replaceable)
LED driver	104PW03F

*1: 70k hours long life LED

*2: Contrast ratio ≥ 10:1

*3: Ton+Toff (10%←→90%)

*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>

Published date: Oct. 2018
©Tianma Japan, Ltd. 2017-2018