

[Features]

- Projected capacitive touch panel (PCAP T/P) attached
- T/P having cover glass
- Wide viewing angle
- Wide temperature range
- LVDS interface
- Reversible-scan direction
- Long life LED backlight^{*1} built in LED driver



Pixel	800(H) x 480(V)
Display area	152.4(H) x 91.44(V) mm (7.0inches (18cm) diagonal)
Display color	262,144 colors
Pixel pitch	0.1905 (H) x 0.1905 (V) mm
Luminance	430cd/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 1port RGB 6-bit
Power supply voltage	LCD panel signal processing board:3.3V, LED driver:12.0V
Power consumption	3.3 W (typ.)
Operating temperature	-30°C to +80°C
Storage temperature	-40°C to +80°C
Touch panel surface	Antiglare + AFP(Anti-Finger Print)
Module size(Including T/P)	170.0 (typ.) x 111.0 (typ.) x 11.2 (max.) mm
Weight	245g (typ.)
Backlight	LED backlight
LED driver	Built in
T/P controller board(Optional)	PTPW04 / PTPW05

*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.

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