

# Brief spec. ; 12.1" WXGA Projective capacitive Touch panel model

## Features

- Touch panel attached  
(Projective capacitive)
- Touch panel controller implemented
- LED Lifetime 100,000h (Typ.)
- Natural Color Matrix

TYPE NAME		AA121TD01-CE3
Schedule		MP: Now
Screen Size / Resolution		31cm (12.1-inch) / WXGA
Active Screen Area Size [mm]		261.12(H) x 163.2(V)
Pixel Number		1280(H) x 800(V)
Pixel Pitch [mm]		0.204(H) x 0.204(V)
Contrast Ratio		700:1
Brightness [cd/m <sup>2</sup> ]		700
Viewing Angle (CR>10) [°]		-80~80(H), -60~80(V)
Viewing direction		Higher Contrast ratio: 6 o'clock Less gray scale reversal: 12 o'clock
Colors		262k(6bit/color) / 16.7M(8bit/color)
Color Saturation (vs. NTSC) [%]		40
Natural Color Matrix		Yes
Backlight		LED
Lamp/LED Life [h]		Typ.100,000
Interface		LCD: LVDS, TP controller: UART, USB
Power Consumption [W]		9.6
Power Supply [V]		LCD: 3.3, Backlight: 12, TP controller: 5.0
Reverse Scan		Available
Module Outline Dimensions [mm]	W	283.0 (LCD: 283.0)
	H	185.1 (LCD: 185.1)
	D	14.7 (LCD: 9.7)
Module Mass [g]		1060
Operation Temperature Range [°C]		-30 ~ 70
Storage Temperature Range [°C]		-30 ~ 80
Cover Glass	Thickness (mm)	1.8
	Strengthen	Available
	Surface	Clear
	Black Mask Printing	Available
Touch Panel Fixing		Optical bonding