



**APOLLO
DISPLAY
TECHNOLOGIES.**

The LCD Specialists...

Industrial 12.1" XGA LED Backlit TFT

Features:

- ◆ Long life white LED backlight system
- ◆ Easy drop-in design for use in Medical, Military, Kiosks, Machine Automation and Industrial Control applications
- ◆ Wide operating temp. range, wide viewing angle, high contrast ratio and brightness ratings
- ◆ Ultra clear touch sensor (87% light transmission)- optional
- ◆ 100% dimming capability w/ CDS-CCRI-800M board- optional

P/N:T-51756D121J-FW-AA-V408



Specifications

LCD Panel:

- 12.1"-TFT Active Matrix color
- 245.76(H) x 184.32(V) mm active area
- XGA 1024 x 768 resolution (maximum)
- 0.240 (H) x 0.240 (V) mm dot pitch
- 260k colors
- 300 nit brightness (typical)
- 550:1 contrast ratio (typical)
- 6/19 ms response time (typical at 0° C)
- 130° (H), 120° (V) viewing angle (typical)
- 37,000+ hour LED life (projected)

Display Interface:

- 18-bit parallel data transfer (6-bit color)

Ordering Options:

P/N: T-51756D121J-FW-A-AA-V408

Standard 12.1" XGA TFT w/ White LED Backlight System

P/N: T-51756D121J-FW-A-AA-V408C

Standard 12.1" XGA TFT w/ Anti-Reflective Front Surface Treatment and White LED Backlight System

P/N: T-51756D121J-FW-A-AA-V408D

Standard 12.1" XGA TFT w/ Anti-Reflective Front Surface treatment, White LED Backlight System and integrated 4-wire resistive touch

P/N: CDS-CCRI-800M

100% dimmable constant current regulator interface board

Power:

- Panel Supply Voltages 3.3V DC
- LED Backlight Supply Voltage 9.6V DC typical per rail
- 8.0 W (max per LED rail)

Mechanical and Environmental:

- 280.0 (W) x 210.0 (H) x 12.0 (D) mm
- 720 g (typ)
- LCD operating temperature range: -20~70° C
- LED operating temperature range: -30~85° C
- LCD Storage temperature range: -20~80° C

Mechanical Drawing

Download the full mechanical specification at
www.apollodisplays.com