



**APOLLO  
DISPLAY  
TECHNOLOGIES.**

The LCD Specialists...

# Industrial 6.5" VGA LED Backlit TFT

## Features:

- ◆ Ultra long life white LED back-light 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-CCR2-240M board- optional

**P/N: T-51750D065J-FW-A-ADN-V350**



## Specifications

### LCD Panel:

- 6.5"-TFT Active Matrix color
- 132.5(H) x 99.4(V) mm active area
- VGA 640 x 480 resolution (maximum)
- 0.069 x 3 [RGB] (H) x 0.207 (V) mm dot pitch
- 262,144 colors
- 320 nit brightness (typical)
- 300:1 contrast ratio (typical)
- 15/16 ms response time (typical at 0° C)
- 110° (H), 90° (V) viewing angle (typical)
- 70,000+ hour LED life (projected)

### Display Interface:

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

### Ordering Options:

**P/N: T-51750D065J-FW-A-ADN-V350**

Standard 6.5" VGA TFT w/ White LED Backlight System

**P/N: T-51750D065J-FW-A-AFN-V350A**

Standard 6.5" VGA TFT w/ Anti-Reflective Front Surface Treatment and White LED Backlight System

**P/N: T-51750D065J-FW-A-AFN-V350B**

Standard 6.5" VGA TFT w/ Anti-Reflective Front Surface treatment, White LED Backlight System and integrated 4-wire resistive touch

**P/N: CDS-CCR2-240M**

100% dimmable constant current regulator interface board

### Power:

- Panel Supply Voltages 3.3V or 5V DC
- LED Backlight Supply Voltage 9.8V DC typical per rail
- 2.4 W (max per LED rail)

### Mechanical and Environmental:

- 158.0 (W) x 120.36 (H) x 11.55 (D) mm
- 190 g (typ)
- LCD operating temperature range: -25~75° C
- LED operating temperature range: -30~85° C
- LCD Storage temperature range: -25~85° C

## Mechanical Drawing

Download the full mechanical specification at  
[www.apollodisplays.com](http://www.apollodisplays.com)