



## DVI-2560

The Digital View DVI-2560 interface controller for ultra high resolution WQXGA LCD panels.

The DVI-2560 is a purpose built high-performance dual-channel DVI interface controller capable of driving 2560x1600 WQXGA LCD panels from Samsung and LG. Operating from a single 24 volt power supply, the controller derives all necessary voltages for the controller, panel and inverter operation.

### Panel Connectivity

**TFT:** 2560x1600 WQXGA Samsung LTB300M1-P01  
Samsung LTM300M1-P01  
LG LM300W01-A3

**Input:** Dual Channel DVI-D

### Features

**Interface:** TMDS panel interface  
**Function Controls:** External buttons,  
**Functions:** Inverter brightness, power on/off  
**Indicators:** LED 1 - input signal present,  
LED 2 - backlight status  
**Dimensions:** 107mm x 92mm (4.2" x 3.6")  
**Form Factor:** DV standard & mounting holes  
**Inverter Support:** DPMS Enable  
**Inverter Voltage:** 24V DC  
**Panel Signal:** TMDS  
**Panel Voltage:** 18V DC (derived on-board)  
**Power Requirements:** 24V DC, 1.5W (controller only)  
**Status Indicator:** Dual Color LED support.

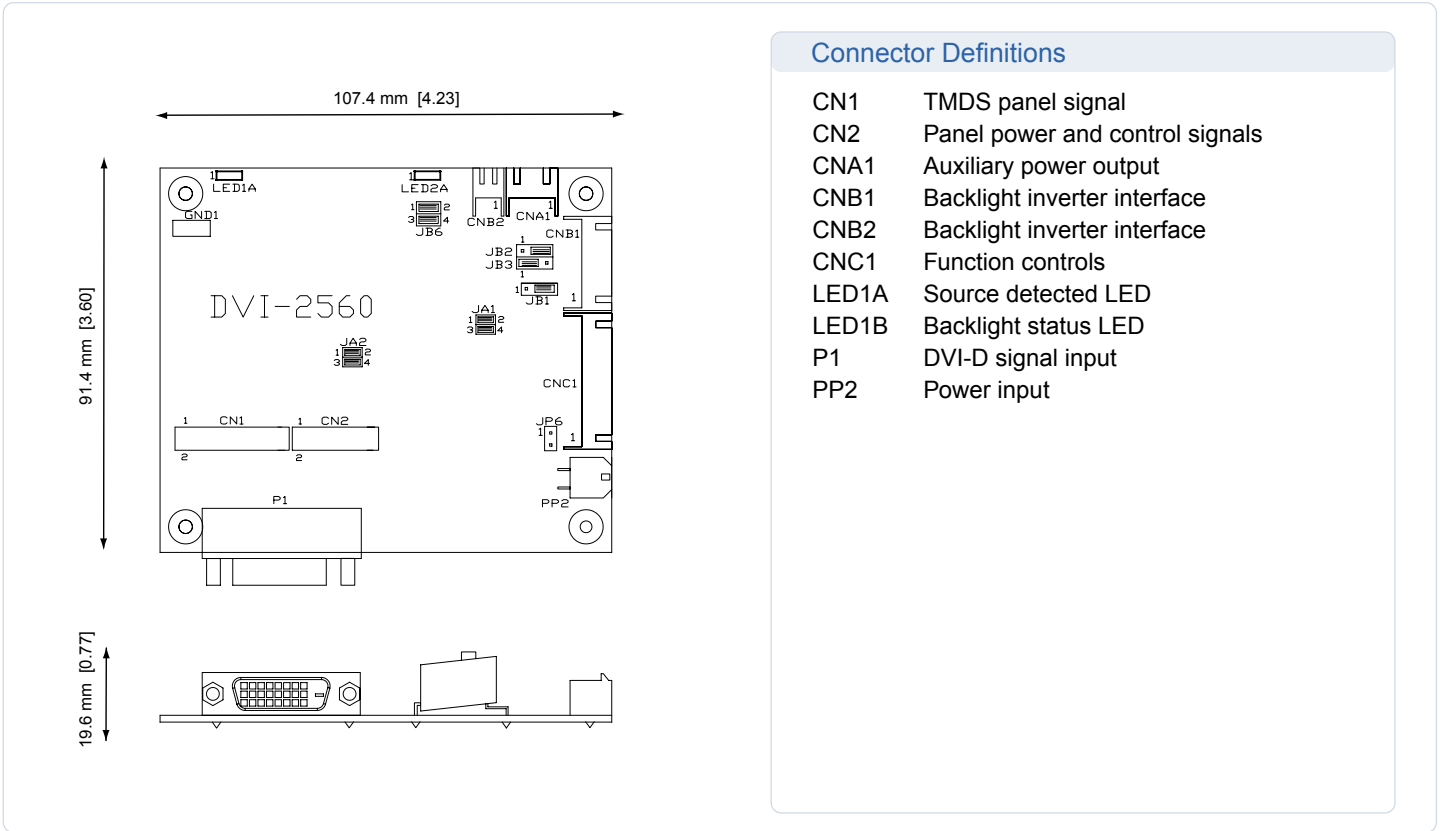
### Reliability

Calculated Mean Time Between Failures - In excess of 100,000 hours. Warranty - 3 years

### Options

Custom layouts & connectors. Alternative panel support.

Custom Engineering Services - Custom input timing, panel timing, splash screen, OSD Menu, conformal coatings, layouts etc.



### Connector Definitions

- CN1 TMD5 panel signal
- CN2 Panel power and control signals
- CNA1 Auxiliary power output
- CNB1 Backlight inverter interface
- CNB2 Backlight inverter interface
- CNC1 Function controls
- LED1A Source detected LED
- LED1B Backlight status LED
- P1 DVI-D signal input
- PP2 Power input

### Accessories

- 416940020-3 Audio Amplifier
- 416040010-3 Inverter Interface board
- Kit 60110-3 OSD Button Board
- Kit 60121-3 OSD Membrane Kit
- Kit 60125-3 OSD Membrane Kit

\*See accessories page on website for details.

### Available Documentation

- Instruction Manual

### ASIA

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