



Digital View provides a range of LCD controller boards with features and functions suited to industrial monitors and display systems:

- High reliability
- Extensive LCD panel support
- Compact to match panel sizes
- Sensors and signal failover functions

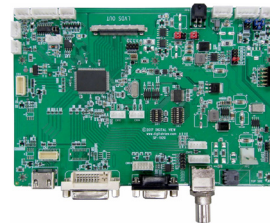
Models include:

- SP-1920
- ALT-1920
- DT-1920-HDMI
- ALR-1400v2

LCD Controller Boards for Industrial Monitors

SP-1920

The SP-1920 provides a cost effective solution for Full-HD video input over HDMI, DVI-D and VGA interlaced and non-interlaced together with an input failover video function.



ALT-1920

Low latency video input with HDMI, DisplayPort and VGA up to 1920x1200 resolution for LVDS panel connection. Temperature sensor and ambient brightness support.



DT-1920-HDMI

Very compact, single HDMI input up to 1920x1200 with support for LVDS connection panels. Ideal match to smaller high resolution panels.



ALR-1400v2

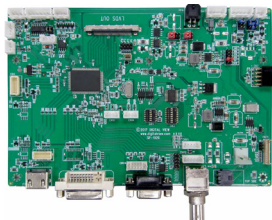
Support for LVDS and TTL panels and DVI-D and VGA video input up to 1400x900 resolution. Compact and highly reliable.



Custom & Harsh Environment Versions

Custom & customized LCD controller boards to meet specific needs.

Specifications



SP-1920 for 1920x1200

Panel Connection

- LVDS (2 channel)
- 60Hz
- up to 10-Bit
- 3.3v, 5v, 10v, 12v, 18v

Video Input

- HDMI x 1 + 1 header
- DVI-D x 1
- ARGB (VGA) x 1
- HD/SD Component x 1
- Composite x 2
- USB media failover

Functions & Features

- Image flip
- Remote monitoring
- RS-232, IR
- 12/24V DC Input
- PWM, Analog backlight control
- Board size: 179.1 x 120.4mm
- P/N: 4176000XX-3



ALT-1920 for 1920x1200

Panel Connection

- LVDS (2 channel), 8 bit
- 3.3v, 5v, 12v, 18v

Video Input

- HDMI, DisplayPort, VGA

Functions & Features

- RS-232, IR, OSD
- PWM, Analog backlight control
- Latency: 13ms
- Board size: 107.5 x 91.6mm
- P/N: 4176400XX-3



DT-1920-HDMI for 1920x1200

Panel Connection

- LVDS (2 channel), 8 bit
- 3.3v, 5v, 12v, 18v

Video Input

- HDMI

Functions & Features

- RS-232, IR
- PWM, Analog backlight control
- Latency: 13ms
- Board size: 91.4 x 62.7mm
- P/N: 4177000XX-3



ALR-1400v2 for 1400x900

Panel Connection

- LVDS (2 channel), TTL, 8 bit
- 3.3v, 5v, 12v, 18v
- DVI-D, VGA
- RS-232

- PWM, Analog backlight control
- Latency: 11ms

- Board size: 107.5 x 91.4mm
- P/N: 4175800XX-3

Harsh Environment Versions Available

Specifications are subject to change without notice.

ACCESSORIES & CUSTOM

Optional accessories include add-on boards, buttons, cables. In addition, for both LCD controller boards and accessories Digital View provide customization and full custom engineering development services.

Support for all popular LCD panels for industrial monitor and display applications.
Ask about our sample program

For a list of all Digital View LCD controller boards see: <https://www.digitalview.com/controllers/lcd-controllers-home.html>

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