

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

- Programmable gamma LUT, DICOM calibration
- High reliability
- Interlaced & non-interlaced video
- Options: Conformal coating, SDI, .

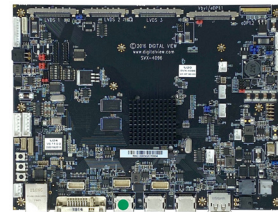
Models include:

- SVX-4096
- SP-1920
- ALT-1920
- ALR-1400v2

## LCD Controller Boards for Medical Monitors

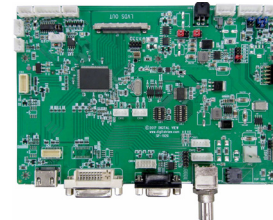
### SVX-4096

The SVX-4096 is a fully featured 4K LCD controller board with LVDS, V-by-One, eDP panel connection and supporting an extensive range of functions and accessories.



### SP-1920

The SP-1920 provide a cost effective solution for Full-HD video input over HDMI, DVI-D and VGA interlaced and non-interlaced.



### ALT-1920

Low latency video input with HDMI, Displayport, VGA up to 1920x1200 resolution LVDS panel connection.



### ALR-1400v2

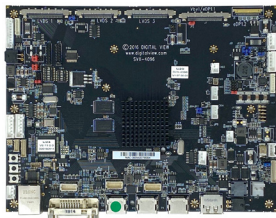
Support for LVDS and TTL panels and DVI-D and VGA video input up to 1400x900 resolution. Compact and highly reliable.



### Custom & Harsh Environment

Fully custom LCD controller boards to meet specific needs as well as harsh environment versions.

**Specifications**



**SVX-4096** for 4K, 4096x2160

**Panel Connection**

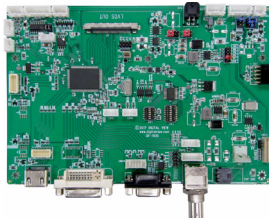
- V-by-One, 8 lane
- LVDS (8 channel)
- eDP (HBR/HBR2)
- 60Hz
- up to 10-Bit
- 3.3v, 5v, 10v, 12v, 18v

**Video Input**

- HDMI 2.0 x 1, 1.4 x 2
- DVI Dual-link x 1
- DisplayPort 1.2 x 1
- VGA x 1 (via DVI adaptor)

**Functions & Features**

- Programmable Gamma LUT
- PiP, PbP
- Remote monitoring
- Ethernet, RS-232, IR
- 12/24V DC Input
- PWM, Analog backlight control
- Digital audio line out
- Latency: 15ms
- Board size: 203.2 x 154.0mm
- P/N: 4175500XX-3



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

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 medical 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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