

LCD Controller Board Connects Display Port, VGA & HDMI

Written by Bob Snyder
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Designed for specialist monitor manufacturers and OEM display integrators, Digital View's ALR-1920 is a 1920x1200 (WUXGA), LCD Interface Board that supports HDMI, VGA and Display Port input for all small and large format HD LCD displays.

ALR-1920 is suitable for connecting to all 8-bit LCD panels providing signal input for: HDMI 3.1 input in both PC (1920x800) and Video (1080P) modes, single-link Display Port 1.1a and ARGB up to WUXGA.

In common with other Digital View controller products, the ALR-1920 is extremely flexible with built-in, jumper-controlled, support for all major HD LCD panels from key manufacturers like; Samsung, Sharp, LG, NEC, Optrex & AUO.

With size of 107mm x 92mm x 16.65mm, the AL-1920 controller has an onboard power supply for both 12 and 24 volts DC, and can be quickly set up to drive 3.3V, 5V, 12V or 18V LCD displays. An infra-red controlled OSD provides a range of image manipulation options and access to the HDMI stereo audio and SPDIF audio outputs.

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Designed for defense, industrial, marine and digital signage applications, the board has an MTBF of 200,000 hours. It comes with a 3 year warranty from Digital View and can be supplied with a whole range of different accessories and LCD panel cables.

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