



The LA1301 is a 13.3" full HD LCD video display, incorporating touchscreen and bezel button controls, configurable video from up to 4 channels and a digital HD output. All these features are combined in a slim line unit less than 55mm deep. The architecture of the HD display has 3 concurrent HD inputs and 4 composite video inputs, meaning that 2 full HD video streams can be processed simultaneously, while the composite video inputs can also be used to monitor an LSA system.

Features include:

The LA1301 HD display combines the strength of the video processing card with the robustness of vehicle interfacing power supply, all within a thin, lightweight housing.

The unit provides a low power complete HD Video Solution, making it suitable for even the most demanding of platform requirements.

The display includes a dedicated graphical overlay channel, configurable to suit customer requirement.

The system has the following Inputs/Outputs:

Video source input 2 x HD-SDI
Video source input Comp x4 (NTSC / PAL)
Video source input 1 x HDMI (full size)
Video output 1 x HDMI (full size)

Single view with tiled 360 deg view comes as standard, however, Quad view and Picture in Picture options are available.

Image processing, such as blending and per pixel alpha blend fusion, are also available within the display.

All inputs and outputs are via LEMO military type connectors.

The LA1301 has a capacitive multi-touch touchscreen with an optional exported touchscreen control via USB.

Technical Specification:

Input Voltage Range	11-33V DC (MIL-STD-1275 / DEFSTAN-61-05)
Power Consumption	26W nominal
Native Resolution	1920 x 1080p 60Hz
Screen size	13.3" with 16:9 aspect ratio
Brightness	400 cd / m ²
Dimensions	335mm x 230mm x 53mm
Operating Temp	+60 degC to -40 degC (with heater)
Communications	1xRS232; 1xRS232/422/485
Weight	< 3.2 Kg