

APA9101

10.1" 1280 x 800 HMI touch screen monitor with an IP66 rated front bezel, VGA + DVI + HDMI + DP video input, and aluminum die-casting chassis.

- ▶ Aluminum die-casting chassis
- ▶ Features flat front bezel with IP66 design
- ▶ 10.1 inch 1280 x 800 Resistive type touch screen
- ▶ Option for Projected Capacitive type touch screen
- ▶ Option for 1000-nits high brightness display
- ▶ VGA, DVI, HDMI, and DP input
- ▶ Panel or VESA (100mm) mount ready
- ▶ 1.93" short depth metal rugged construction
- ▶ 9 to 36V DC power input w/ external AC power adapter



Description

The APA9101 is a 10.1 inch industrial LCD display supporting 1280 x 800 resolution, a Resistive type touch screen, and VGA + DVI + HDMI + DP input. The display features an aluminum die-casting chassis with a front IP66-rated flat front bezel. The display can be mounted into a cutout in an enclosure or it can be mounted with the panel and VESA (100mm) mounting holes. Options are available for a Projected Capacitive touch screen, 1000-nits high brightness display, speakers, and extended working temperature.

Technical Specifications

SPECIFICATION	VALUE
Material	Solid aluminum die-casting chassis IP66 compliant flat front panel
LCD Panel	Size: 10.1 inch Max Resolution: 1280 x 800 Brightness (cd/m ²): 350-nit, option for 1000-nit Contrast Ratio (typ.) : 800:1 Viewing Angle (H/V): 170° x 170° Colors: 16.7M MTBF (hrs): 25,000
Video input	1 x VGA 1 X DP 1 x DVI-D (share with HDMI)

Specifications subject to change without notice.

	1 x HDMI (share with DVI-D)
Touch screen	Resistive-type touch screen - USB port Option for Projected Capacitive-type touch screen - USB port
Rear panel control	Power on/off switch OSD membrane switch
Mounting Type	Panel mount or VESA (100mm) mount
Connectors	1 x VGA port 1 x DVI-D port (share with HDMI) 1 x DP port 1 x HDMI port (share with DVI-D) 1 x Audio line-in phone jack 1 x USB Type B for touchscreen 1 x 3-pin terminal block DC power input Option for 1 x 2W speaker
Power supply	Power Input: 9~36V DC with external AC power adapter Power Consumption: Max. 5.1W
Weight	4.19 lb / 1.9 kg
Dimension	11.22"(W) x 7.44"(H) x 1.93"(D)
Environmental	Operating Temperature: 0°C to 50°C Storage Temperature: -30°C to 70°C Relative Humidity: 10~90% @40°C non-condensing Option for -20°C to 60°C wide operating temperature (for standard brightness)
Certification	CE/FCC, Class A

Available Configurations

Touch Screen

- 10-inch resistive-type touch screen RS-232 port
- 10-inch Project capacitive-type touch screen USB port

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