

# APA9080

8" 800 x 600 HMI touch screen panel with an IP66 rated flat panel, aluminum die-casting chassis, VGA + DP + DVI-D + HDMI video input, and panel or VESA (75mm) mount.

- ▶ Aluminum die-casting chassis
- ▶ Features flat front bezel with IP66 design
- ▶ 8 inch 800 x 600 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 (75mm) mount ready
- ▶ 2.0" short depth metal rugged construction
- ▶ 9 to 36V DC power input w/ external AC power adapter



## Description

The APA9080 is an 8 inch industrial LCD display supporting 800 x 600 resolution, a Resistive type touch screen, and VGA + DP + DVI-D + HDMI video input. Weighing less than 4 lbs, this compact display features an aluminum die-casting chassis and a flat front bezel with IP66 protection. The display can be mounted into a cutout in an enclosure or it can be mounted with the panel and VESA (75mm) 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
<b>Material</b>	Solid aluminum die-casting chassis IP66 compliant flat front panel
<b>LCD Panel</b>	Size: 8 inch Max Resolution: 800 x 600 Brightness (cd/m <sup>2</sup> ): 350-nit, option for 1000-nit high brightness Contrast Ratio (typ.): 500:1 Viewing Angle (H/V): 140° x 120° Colors: 16.2M MTBF (hrs): 40,000
<b>Video input</b>	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)
<b>Touch screen</b>	Resistive type touch screen - USB port Option for Projected Capacitive type touch screen - USB port
<b>Rear panel control</b>	Power on/off switch OSD membrane switch
<b>Mounting Type</b>	Panel mount or VESA (75mm) mount
<b>Connectors</b>	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 touch screen 1 x 3-pin terminal block for DC power input Option for 1 x 2W speaker
<b>Power supply</b>	Power Input: 9~36V DC power input with external AC power adapter Power Consumption: Max. 6W
<b>Weight</b>	4.0 lb / 1.8 kg
<b>Dimension</b>	9.10"(W) x 6.93"(H) x 2.0"(D)
<b>Environmental</b>	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)
<b>Certification</b>	CE/FCC Class A

## Available Configurations

### Touch Screen

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

## Request a Quote or Learn More

Contact us at [info@acnodes.com](mailto:info@acnodes.com) or call (909) 597-7588

[www.acnodes.com](http://www.acnodes.com)