

# APH8190

19" sunlight readable display with 1280 x 1024 resolution, VGA + HDMI(no speaker) input, panel or VESA (100mm) mount, 100/240VAC power input, and an aluminum front bezel.

- ▶ 19" high brightness industrial LCD monitor
- ▶ Supports 1280 x 1024 native resolution
- ▶ 1000-nits high brightness sunlight readable display
- ▶ VGA + HDMI(no speaker) video input
- ▶ Option for BNC, Audio, 3G-SDI, or MCS control
- ▶ Option for Resistive or PCAP touch screen - USB
- ▶ VESA (100 x 100mm) mount ready
- ▶ Auto-sensing 100 to 240VAC, 50 / 60Hz power input



## Description

The APH8190 is a 19" high brightness sunlight readable monitor supporting 1280 x 1024 resolution, 1000-nits high brightness display, and VGA + HDMI(no speaker) video input. Designed to meet professional and industrial demands, the display features an aluminum front bezel, a sunlight-readable display, improved energy efficiency, and a fanless architecture that provides around-the-clock operation. The APH8190 is equipped with a variety of optional features and modules including IP65 rated front bezel, touch screen technology (Resistive or Projected Capacitive touch screen), auto or manual dimming, additional video signals, MCS multi-screen control, and DC power input.

## Technical Specifications

SPECIFICATION	VALUE
Material	8mm aluminum front bezel Rear rugged heavy-duty metal construction Option for IP65/NEMA4 rated front bezel
LCD Panel	Size: 19 inch Native Resolution: 1280 x 1024 Brightness (cd/m <sup>2</sup> ): 1000 Contrast Ratio (typ.): 1000:1 Colors: 16.7 M Viewing Angle (H/V): 170° x 160° Response Time (ms): 5 Dot Pitch (mm): 0.294 Display Area (mm): 376.32H x 301.06V Surface Treatment: Haze 25%, Hard-coating

*Specifications subject to change without notice.*

	Surface Hardness: 3H Backlight Type: LED MTBF (hrs): 30,000
<b>Video input</b>	Standard: VGA + HDMI(no speaker) Option: BNC, 3G-SDI input, or MCS multi-display control
<b>Touch screen (Option)</b>	Resistive 1-pt touch screen - USB port Projected Capacitive 10-pt touch screen - USB port Lockable USB connector
<b>Dimming (Option)</b>	Auto dimming or Dimming switch with IP54 protection
<b>Rear Panel Control</b>	Power on/off switch OSD membrane switch
<b>Mounting Type</b>	VESA (100 x 100mm) mount
<b>Cable</b>	1 x 6ft VGA cable included 1 x Power adapter 1 x Power cord
<b>Power supply</b>	Input: Auto-sensing 100 to 240VAC, 50 / 60Hz Power Consumption: Max. 39 Watt, Standby 4 Watt Option for 12V / 24V / 48V / 125V DC power input
<b>Weight</b>	16.9 lb / 7.7 kg
<b>Dimension</b>	18.8"(W) x 2.5"(D) x 15.1"(H)
<b>Environmental</b>	Operating Temperature: 0°C to 55°C Storage Temperature: -20°C to 60°C Relative Humidity: 5~90%, non-condensing Altitude (Operating / Non-Operating): 16,000 ft / 40,000 ft Shock: 10G acceleration (11ms duration) Vibration: 10~300Hz 0.5G RMS random vibration
<b>Compliance</b>	CE, FCC, RoHS, TAA Compliant

## Available Configurations

### LCD monitor

- 19" 1280 by 1024 LCD screen

### OSD menu control

- Single OSD menu control
- MCS Multi-display OSD menu control via serial / RJ45 port

### Auto / Switch dimming

- N/A
- Auto dimming
- Switch dimming

### Touch Screen

- N/A
- 19-inch resistive-type touch screen with USB port

*Specifications subject to change without notice.*

- 19-inch capacitive-type touch screen with USB port
- 19-inch Project capacitive-type 10-point multi-touch screen USB port

### Video Input

- VGA + DVI-D
- VGA + DVI-D + BNC + S-Video + Audio + remote controller
- VGA + HDMI W/ speaker + BNC + S-Video + Audio + remote controller

### Power Supply

- 110/220VAC power supply
- 12VDC power adapter
- 24VDC power adapter
- 48VDC power adapter
- 110VDC power adapter
- 125VDC power adapter

## 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)