

APH9220

21.5" sunlight readable display with 1920 x 1080 FHD resolution, VGA + HDMI(no speaker) video input, panel or VESA (100mm) mount, 100/240VAC power input, and an aluminum front bezel.

- ▶ 21.5" high brightness industrial LCD monitor
- ▶ Supports 1920 x 1080 native resolution
- ▶ 1000-nits high brightness sunlight readable display
- ▶ VGA + HDMI (no speaker) video input
- ▶ Option for DP, 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 APH9220 is a 21.5" high brightness sunlight readable monitor supporting 1920 x 1080 FHD 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 APH9220 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: 21.5 inch Native Resolution: 1920 x 1080 Brightness (cd/m ²): 1000 Contrast Ratio (typ.): 5000:1 Colors: 16.7 M Viewing Angle (H/V): 170° x 160° Response Time (ms): 5 Dot Pitch (mm): 0.248 Display Area (mm): 476.64H x 268.11V Colors: 16.7M

Specifications subject to change without notice.

	Backlight: LED MTBF (hrs): 50,000
Video input	Standard: VGA + HDMI (no speaker) Option: DP, BNC, 3G-SDI input, or MCS multi-display control
Touch screen (Option)	Resistive 1-pt touch screen - USB port Projected Capacitive 10-pt touch screen - USB port Lockable USB connector
Dimming (Option)	Auto dimming or Dimming switch with IP54 protection
Rear panel control	Power on/off switch OSD membrane switch
Mounting Type	VESA (100 x 100mm) mount
Cable	1 x 6ft VGA cable included 1 x Power adapter 1 x Power cord
Power Supply	Input: Auto-sensing 100 to 240VAC, 50 / 60Hz Power Consumption: Max. 32 Watt, Standby 2 Watt Option for 12V / 24V / 48V / 125V DC power input
Weight	19.8 lb / 9 kg
Dimension	22.7"(W) x 2.3"(D) x 14.5"(H)
Environmental	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
Compliance	CE, FCC, RoHS, TAA Compliant

Available Configurations

LCD monitor

- 21.5 1920 by 1080P full HD monitor

Video Input

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

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

Specifications subject to change without notice.

Touch Screen

- N/A
- 21.5-inch wide screen resistive-type touch screen with USB port
- 21.5-inch wide screen capacitive-type touch screen with USB port
- 21.5-inch wide screen Project capacitive-type 10-point multi-touch screen USB port

Power Supply

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

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