

APW5220

21.5" FHD panel mount LCD monitor with 1920 x 1080 native resolution, VGA + HDMI (no speaker) video input, VESA (100 x 100mm) mount, and an aluminum front bezel.

- ▶ 21.5" Full HD industrial LCD monitor
- ▶ Supports 1920 x 1080 native resolution
- ▶ VGA + HDMI (no speaker) video input
- ▶ Option DP, BNC, 3G-SDI, or MCS control
- ▶ Option for Resistive or PCAP touch screen - USB
- ▶ Option for video decoding capability up to 1080P
- ▶ VESA (100 x 100mm) mount ready
- ▶ Auto-sensing 100 to 240VAC, 50 / 60Hz power input



Description

The APW5220 is a 21.5" Full HD panel mount LCD monitor supporting 1920 x 1080 native resolution, VGA + HDMI (no speaker) video input, and 100/240VAC power input. Designed to meet professional and environmental demands, the monitor features an aluminum front bezel, improved energy efficiency, and a fanless architecture that provides around-the-clock operation. The APW5220 has a variety of optional upgrades and modules available including IP65 rated front bezel, touch screen technology (Resistive or Projected Capacitive), additional video input modules, video decoding capability up to 1080P, portrait mode module, and DC power input.

Technical Specifications

SPECIFICATION	VALUE
Construction	8mm aluminum front bezel Option for IP65 / NEMA4 rated front bezel
LCD Panel	Size: 21.5 inch Native Resolution: 1920 x 1080 Brightness (cd/m ²): 250 Contrast Ratio: 1000:1 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 Surface Treatment: Haze 25%, Hard-coating Surface Hardness: 3H

Specifications subject to change without notice.

	Backlight Type: LED MTBF (hrs): 30,000
Video Input	Standard: VGA + HDMI (no speaker) Option: DP, BNC, 3G-SDI, or MCS multi-display control
Touch Screen (Option)	Resistive 1-pt touch screen - USB port Projected Capacitive 1-pt or 10-pt touch screen - USB port Lockable USB connector
HDMI Modules (Option)	HDMI decoder module 1080P over IP HDMI receiver module 1080P HDMI quad display module 1080P
Rear Panel	Power on/off switch OSD membrane switch
OSD Menu Control	OSD membrane switch control for Picture, Position, Color, OSD Set, Reset, PIP, and MISC
Mounting Type	VESA (100 x 100mm) mount
Cable	1 x 6ft VGA cable included 1 x Power adapter included 1 x Power cord included
Power Supply	Input: Auto-sensing 100 to 240VAC, 50 / 60Hz Power Consumption: Max. 28W, Standby 2W 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

IP65 & NEMA 4 rated front bezel

- N/A
- IP65 & NEMA 4 rated front bezel

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

Specifications subject to change without notice.

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

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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