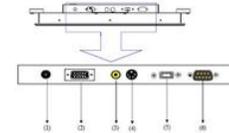


# APM5120

12.1" industrial LCD monitor supporting 800 x 600 native resolution, VGA video input, VESA (75 x 75mm) mount, 100/240VAC power input, and an aluminum front bezel.

- ▶ 12.1" industrial LCD monitor
- ▶ Supports 800 x 600 native resolution
- ▶ VGA video input
- ▶ Option for HDMI, Audio, 3G-SDI, or MCS
- ▶ Option for Resistive or PCAP touch screen - USB
- ▶ Option for front IP65 / NEMA4 rated protection
- ▶ Auto-sensing 100 to 240VAC, 50 / 60Hz power input
- ▶ Option for 12V / 24V / 48V / 125V DC power input



1. DC IN: Connect to DC power cable.  
 2. IFC IN: Connect to D-Sub 15 pin signal connector.  
 3. RCA IN: Connect to the composite video connector (the A1 series only).  
 4. S-Video IN: Connect to the S-Video cable connector (the A1 series only).  
 5. USB IN: Connect to the USB connector (the Touchscreen series only).  
 6. SERIAL IN: Connect to the Serial connector (the Touchscreen series only).

## Description

The APM5120 is a 12.1" industrial LCD monitor supporting 800 x 600 resolution and VGA video input. Designed to meet professional and industrial demands, the display features an aluminum front bezel, improved energy efficiency, and a fanless architecture that provides around-the-clock operation. The APM5120 is equipped with a variety of optional features and modules including IP65 rated front bezel, touch screen technology, additional input modules, 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: 12.1 inch Native Resolution: 800 x 600 Brightness (cd/m <sup>2</sup> ): 450 Contrast Ratio (typ) : 700:1 Colors: 262K Viewing Angle (H/V): 160° x 140° Response Time (ms): 35 Dot Pitch (mm): 0.3075 Display Area (mm): 246H x 184.5V Surface Treatment: Anti-glare Surface Hardness: 3H

Specifications subject to change without notice.

	Backlight Type: LED MTBF (hrs): 50,000
<b>Video Input</b>	Standard: VGA Option: DVI-D, HDMI, Audio, 3G-SDI, 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>Rear panel control</b>	Power on/off switch OSD membrane switch
<b>Mounting Type</b>	VESA (75 x 75mm) mount
<b>Cable</b>	1 x 6ft VGA cable included 1 x Power adapter included 1 x Power cord included
<b>Power supply</b>	Input: Auto-sensing 100 to 240VAC, 50 / 60Hz Power Consumption: Max. 14W, Standby 4W Option for 12V / 24V / 48V / 125V DC power input
<b>Weight</b>	7.7 lb / 3.5 kg
<b>Dimension</b>	13.6"(W) x 10.1"(H) x 2.7"(D)
<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

- 12.1" 800 by 600 LCD screen

### IP65 & NEMA 4 rated front bezel

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

### Power Supply

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

### Video Input

- VGA
- VGA + BNC + S-Video + Audio + remote controller

### Touch Screen

*Specifications subject to change without notice.*

- N/A
- 12-inch resistive-type touch screen USB port
- 12-inch capacitive-type touch screen USB port
- 12-inch Project capacitive-type 2-point multi-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)