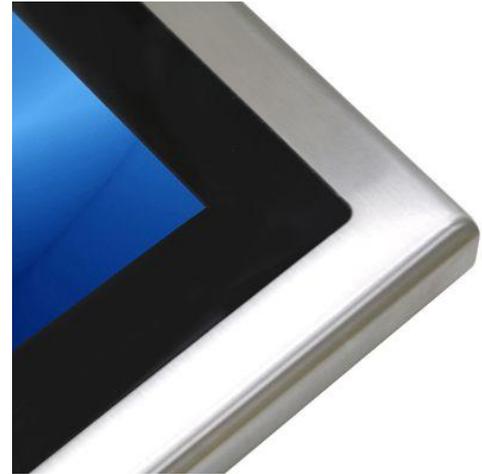# PMN80120

12.1" waterproof stainless steel monitor with 1024 x 768 resolution, VGA video input, P-CAP multi-touch screen, and an IP66 rated anti-corrosion stainless steel housing.

▸ Full IP66 rated anti-corrosion stainless steel housing

▸ 12.1 inch 1024 x 768 450-nit industrial LCD monitor

▸ Option for 1000-nit high brightness display & optical bonding

▸ VGA video input, option for DVI or HDMI input

▸ P-cap multi-touch screen with USB

▸ Option for Resistive touch screen with USB

▸ MIL-STD-810G compliance for shock and vibration

▸ 110 to 240VAC power input

Description

The PMN80120 is a 12.1" waterproof stainless steel touch screen monitor featuring 1024 x 768 display resolution, 500-nits brightness, VGA video input, and a P-CAP multi-touch screen display. Designed with a full IP66 stainless steel enclosure, the monitor can withstand wide temperatures, water projected from jets, and vibration and shock. Option for 1000-nits high brightness, optical bonding, Resistive touch screen, DVI or HDMI input, and 9 to 36V DC power input.

Technical Specifications

SPECIFICATION	VALUE
Material	SUS316 stainless steel Anti-corrosion stainless steel housing
LCD Panel	Size: 12.1 inch Resolution: 1024 x 768 Brightness (cd/m²): 500-nits Contrast Ratio (typ.): 700:1 Viewing Angle (H/V): 178° x 178° Active Area (mm): 245.76(H) x 184.32(V) Pixel Pitch (mm): 0.24(H) x 0.24(V) Colors: 16.2M Option for 1000-nit high brightness display Option for optical bonding
Video Input	VGA video input

Specifications subject to change without notice.

	Option for VGA + DVI or VGA + HDMI
Touch Screen	P-CAP type multi-touch screen - USB Option for 5-Wire Resistive type touch screen - USB
On-Screen Display	OSD Input: 5-key OSD buttons OSD Function: Contrast, Color, Position, Auto-adjustment, and Factory Settings
Power Supply	Input: AC 110~240V, Universal, ±10% Power Consumption: 30W (typ.) Option for 9~36V DC power input
Connectors	1 x VGA (IP66 connector) 1 x USB for touch screen (IP66 connector) 1 x 110~240VAC power input (IP66 connector)
Cables	IP66 rated cables for touch screen, video input, and power
Weight	12.1 lb / 5.5 kg
Dimension	13.8"(W) x 11.2"(D) x 1.9"(H)
Mounting	VESA (100 x 100mm) mount
Environmental	Operating Temperature: 0°C to 60°C Storage Temperature: -30°C to 80°C Relative Humidity: 10-95%, non-condensing Vibration: MIL-STD-810G Method 514.6C-3 Shock: MIL-STD-810G Method 516.6 IP Rating: Full IP66

Request a Quote or Learn More

Contact us at **info@acnodes.com** or call **(909) 597-7588**

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