

PMN80100

10.1" waterproof stainless steel monitor with 1280 x 800 display resolution, VGA video input, P-cap touch screen, and an IP66 rated anti-corrosive stainless steel housing.



- ▶ Full IP66 rated anti-corrosion stainless steel housing
- ▶ 10.1 inch 1280 x 800 350-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
- ▶ M12 connectors for video, USB, and power input
- ▶ Rear VESA (75mm) mounting holes
- ▶ 12V DC power input

Description

The PMN80100 is a 10.1" waterproof stainless steel touchscreen monitor ideal for pharmaceutical and medical applications, marine applications, food processing, clean rooms, and outdoor environments. With a SUS316 stainless steel housing design, the monitor is more corrosive resistant and has better resistance to salt and chlorides. The PMN80100 supports a 1024 x 800 display resolution, VGA video input, P-cap touch screen with USB, M12 connectors, and rear VESA (75mm) mounting holes. Options are available for a 1000-nits high brightness LCD screen, optical bonding, DVI or HDMI input, panel mount, and 9~36V DC power input.

Technical Specifications

SPECIFICATION	VALUE
Material	SUS316 stainless steel Anti-corrosion stainless steel housing
LCD Panel	Size: 10.1" LCD Resolution: 1280 x 800 Brightness (cd/m ²): 350-nits Contrast Ratio (typ.): 800:1 Viewing Angle (H/V): 170° x 170° Active Area (mm): 200.416(H) x 129.15(V) Colors: 16.7M 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
On-Screen Display	OSD Input: 5-key OSD buttons OSD Function: Contrast, Color, Position, Auto-adjustment, Factory Settings
Power Supply	Input: 1 x 12V DC input (w/ external AC/DC adapter) Power Consumption: 15W (typ.) Power Management: VESA DPMS compliant
Connectors	1 x VGA (M12 connector) 1 x USB for touch screen (M12 connector) 1 x 12V DC power input (M12 connector)
Weight	9.92 lb / 4.5 kg
Dimension	11.81"(W) x 8.66"(D) x 2.07"(H)
Mounting	VESA (75 x 75mm) mount Option for panel mount
Environmental	Operating Temperature: 0°C to 50°C Storage Temperature: -30°C to 70°C Relative Humidity: 30%-90%, non-condensing IP Rating: Full IP66

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