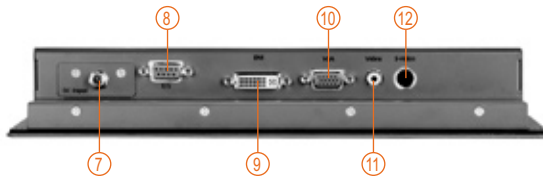# PANEL6100
10.4" TFT Industrial LCD Monitor

1. Exit
2. Menu
3. SEL-
4. SEL+
5. Power LED
6. Power switch

7. DC power input
8. T/S port
9. DVI
10. VGA
11. Video
12. S-video

Side view

Features

- 10.4" TFT 230 nits high brightness SVGA LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor (PANEL6100-P)
- Resistive type of touchscreen
- Supports full range screw-type (locked) AC-in or 24V DC-in (option)
- Supports multi-signal inputs: VGA, S-video, video and DVI
- Supports panel mount, wall mount and VESA arm

Introduction

The PANEL6100 is a ultra slim & super compact industrial LCD monitor equipped with 10.4-inch 230 nits high brightness SVGA LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, and Video. Featuring NEMA4/IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the PANEL6100 supports panel, wall or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. This compact size industrial-grade flat panel monitor is ideal for varied industrial or commercial projects, such as transportation, POI, human machine interface, and even rugged environments.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel		Display Control	OSD (on screen display)
Mounting	Panel mounting, wall mounting or VESA FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)		Display Mode	VGA 640 x 480 (60/72Hz)
				SVGA 800 x 600 (60/72Hz)
LCD Panel	Display Type	10.4" TFT LCD	Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak
	Max. Resolution	800 x 600		Video (optional)
	Max. Colors	16.8M/262k		S-Video (optional)
	Active Area (mm)	211.2 x 158.4		DVI
	Pixel Pitch (mm)	0.264 x 0.264		Touchscreen: Serial RS-232 or USB interface
	Response Time	35ms	I/O Connectors	1 x RS-232 or USB touchscreen version
	Backlight	1 CCFL		1 x VGA input
	Backlight MTBF	30,000 hrs		1 x RCA for video (optional)
	Viewing Angle(H/V)	140°/120°		1 x S-Video for video (optional)
	Contrast Ratio	500 (TYP.)		1 x DVI
	Brightness (cd/m^2)	230 nits		1 x Screw-type DC power input
			Power Adapter	Screw-type external AC / DC power adapter

* All specifications and photos are subject to change without notice.

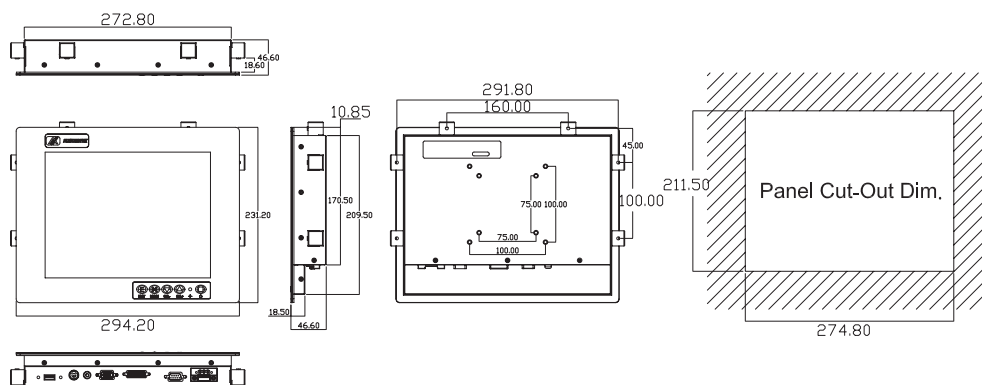| Touchscreen	Thickness	Resistive: 2.2mm
	Light Transmission	Resistive: 80%
	Power Consumption	Resistive: +5V @ 100mA
	Touch Life	Resistive: 35million touches Controller interface: RS-232 D-type 9-pin male connector or USB connector
Dimensions		294.2 mm (11.58") (W) x 46.6 mm (1.83") (D) x 231.2 mm (9.1") (H)
Packing Dimensions		380 mm (14.96") (W) x 190 mm (7.48") (D) x 430 mm (16.93") (H)
Weight (net/gross)		2.6 kg (5.73 lb)/5.1 kg (11.24 lb)
Environment		Operating temperature: -10°C ~ +60°C (14°F ~ 140°F) Storage temperature: -20°C ~ +70°C (-4°F ~ +158°F) Relative humidity: 20% ~ 90%, non-condensing
Certification		CE

Ordering Information

P6100

AC Power	Panel Mount Monitor	
Resistive	P6100PR-AC-RS	
Resistive (USB)	P6100PR-AC-U	
Glass	P6100PG-AC	
24V$_{DC}$ Power	Panel Mount Monitor	
Resistive	P6100PR-24V$_{DC}$-RS	
Resistive (USB)	P6100PR-24V$_{DC}$-U	
Glass	P6100PG-24V$_{DC}$	

P6100L

AC Power	Panel Mount Monitor	
Resistive (RS-232)	P6100LPR-AC-RS	
Resistive (USB)	P6100LPR-AC-U	
Glass	P6100LPG-AC	
24V$_{DC}$ Power	Panel Mount Monitor	
Resistive	P6100LPR-24V$_{DC}$-RS	
Resistive (USB)	P6100LPR-24V$_{DC}$-U	
Glass	P6100LPG-24V$_{DC}$	

* Specification and certifications are based on options and may vary.

** PANEL6xxx is commonly known as P6xxx.

Dimensions

Optional Accessories

ARM-VM-101	VESA ARM (clamp type)
ARM-VM-105	VESA ARM (wall mount type)
Wall mounting & desktop stand	

Stand kit

Various mounting ways Panel/Wall/VESA

Phoenix-type power input