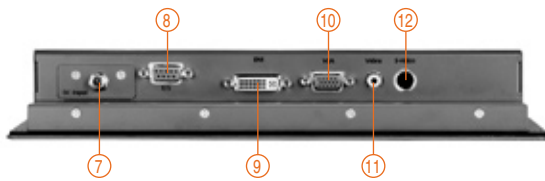# PANEL6100
10.4" TFT Industrial LCD Monitor

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		Viewing Angle(H/V)	140°/120°
Mounting	Panel mounting, wall mounting or VESA FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)		Contrast Ratio	500 (TYP.)
			Brightness (cd/m^2)	230 nits
		Display Control	OSD (on screen display)	
LCD Panel	Display Type	10.4" TFT LCD	Display Mode	VGA 640 x 480 (60/72Hz)
	Max. Resolution	800 x 600		SVGA 800 x 600 (60/72Hz)
	Max. Colors	16.8M/262k	Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak
	Active Area (mm)	211.2 x 158.4		Video
	Pixel Pitch (mm)	0.264 x 0.264		S-Video
	Response Time	35ms		DVI
	Backlight	1 CCFL		Touchscreen: Serial RS-232 or USB interface
	Backlight MTBF	30,000 hrs		

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

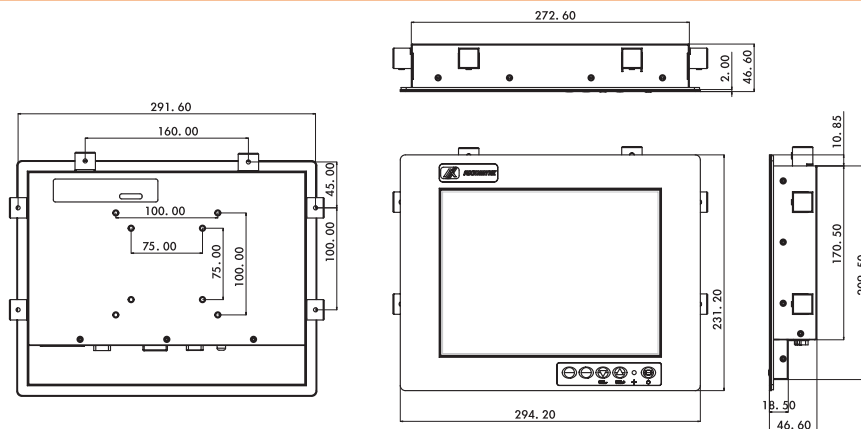| I/O Connectors	1 x RS-232 or USB touchscreen version	
	1 x VGA input	
	1 x RCA for video	
	1 x S-Video for video	
	1 x DVI	
	1 x Screw-type DC power input	
Power Adapter	Screw-type external AC / DC power adapter	
Touchscreen	Thickness	Resistive: 2.2mm
	Light Transmission	Resistive: 80%
	Power Consumption	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)	
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

PANEL6100

AC Power	Panel Mount Monitor
Resistive	PANEL6100PR-AC
Glass	PANEL6100PG-AC

24V$_{DC}$ Power	Panel Mount Monitor
Resistive	PANEL6100PR-24V$_{DC}$
Glass	PANEL6100PG-24V$_{DC}$

PANEL6100L

AC Power	Panel Mount Monitor
Resistive (RS-232)	PANEL6100LPR-AC
Resistive (USB)	PANEL6100LPR-AC-U
Glass	PANEL6100LPG-AC

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

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