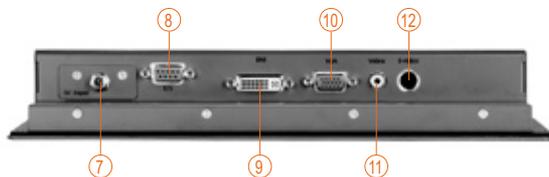


# PANEL6100

10.4" TFT High Brightness 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

## Features

- ▶ 10.4" TFT 230 nits high brightness SVGA LCD
- ▶ NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor (PANEL6100-P)
- ▶ NEMA 4/12 (IP65)- compliant open frame flat panel mounting (PANEL6100-O)
- ▶ Supports panel mount, wall mount and VESA arm
- ▶ 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



Side view

## 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	
Mounting	Panel mounting, wall mounting or VESA FPMPMI mounting (video electronics standards association Flat panel monitor physical mounting interface)	
LCD Panel	Display Type	10.4" TFT LCD
	Max. Resolution	800 x 600
	Max. Colors	262K
	Active Area (mm)	211.2 x 158.4
	Pixel Pitch (mm)	0.264 x 0.264
	Response Time	35ms
	Backlight	1 CCFL
	Backlight MTBF	30,000 hrs

	Viewing Angle	(H) 140 ; (V) 120
	Contrast Ratio	500 (TYP.)
	Brightness (cd/m <sup>2</sup> )	230 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 480 (60 / 72Hz)	
	SVGA 800 x 600 (60 / 72Hz)	
Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak	
	Video	
	S-Video	
	DVI	
	Touchscreen: Serial RS-232	

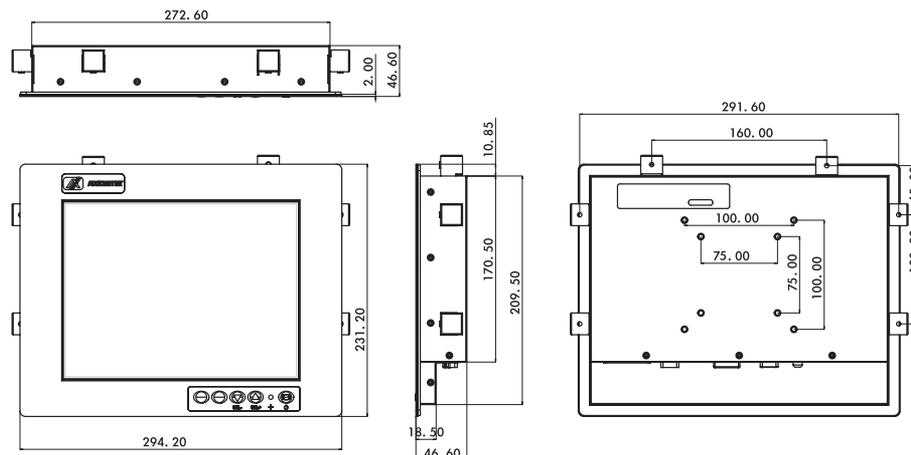
I/O Connectors	D-Sub 9 pin(male) RS-232 x 1 for touchscreen version D-Sub 15 pin x 1 (female) for VGA input RCA x 1 for video, S-Video x 1 for video, DVI x 1 Screw-type DC power input	
Power Adapter	Screw-type external AC / DC power adapter	
Touchscreen	Thickness	Resistive: 2.2mm
	Light Transmission	Resistive: 80%
	Power Consumption	Resistive: +5V @ 100mA
	Touch Life	Resistive: 35million touches Controller interface: RS-232 D-type 9-pin male connector
Dimensions	294.2mm (11.58") (W) x 46.6mm (1.83") (D) x 231.2mm (9.1") (H)	
Weight	2.6 kg (5.73 lb)	
Environmental	Operation 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	
Certificate	CE	

## Ordering Information

AC Power	Panel Mount Monitor	
	Resistive	PANEL6100PR-AC
	Glass	PANEL6100PG-AC
	Open Frame Monitor	
	Resistive	PANEL6100OR-AC
	Glass	PANEL6100OG-AC
24V <sub>DC</sub> Power	Panel Mount Monitor	
	Resistive	PANEL6100PR-24V <sub>DC</sub>
	Glass	PANEL6100PG-24V <sub>DC</sub>
	Open Frame Monitor	
	Resistive	PANEL6100OR-24V <sub>DC</sub>
	Glass	PANEL6100OG-24V <sub>DC</sub>

\*Specifications and certifications are limited to optional.

## 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

Medical Panel Computers

PANEL2000  
Slim Client  
Panel  
Computers

VTA Series

GOT Fanless  
Touch Panel  
Computers

PANEL  
1000/5000  
Industrial Panel  
Computers

Industrial  
Workstations

PANEL6000  
Industrial Flat  
Panel Monitors