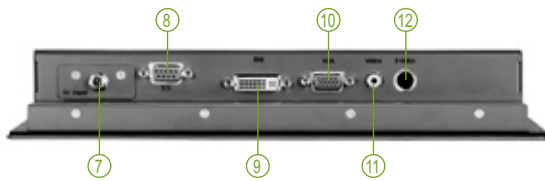


PANEL6100

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)
- ▶ 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



Side view

Introduction

The PANEL6100 is an 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	16.8M/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/V)	140°/120°
	Contrast Ratio	500 (TYP.)
	Brightness (cd/m ²)	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 or USB interface	

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	294.2mm (11.58") (W) x 46.6mm (1.83") (D) x 231.2mm (9.1") (H)	
Weight (net/gross)	2.6 kg (5.73 lb)/5.1 kg (11.24 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	
Certification	CE	

Ordering Information

PANEL6100

AC Power	Panel Mount Monitor	
	Resistive	PANEL6100PR-AC
	Glass	PANEL6100PG-AC
	Open Frame Monitor	
24V _{DC} Power	Panel Mount Monitor	
	Resistive	PANEL6100PR-24V _{DC}
	Glass	PANEL6100PG-24V _{DC}
	Open Frame Monitor	
	Panel Mount Monitor	
	Resistive	PANEL6100OR-AC
	Glass	PANEL6100OG-AC
	Open Frame Monitor	
	Panel Mount Monitor	
	Resistive	PANEL6100OR-24V _{DC}
	Glass	PANEL6100OG-24V _{DC}
	Open Frame Monitor	

PANEL6100L

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	PANEL6100LPR-AC
	Resistive (USB)	PANEL6100LPR-AC-U
	Glass	PANEL6100LPG-AC
	Open Frame Monitor	
	Resistive (RS-232)	PANEL6100LOR-AC
	Resistive (USB)	PANEL6100LOR-AC-U
	Glass	PANEL6100LOG-AC

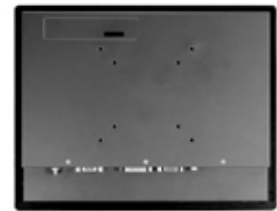
*Specifications and certifications are limited to optional.

Optional Accessories

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



Stand kit

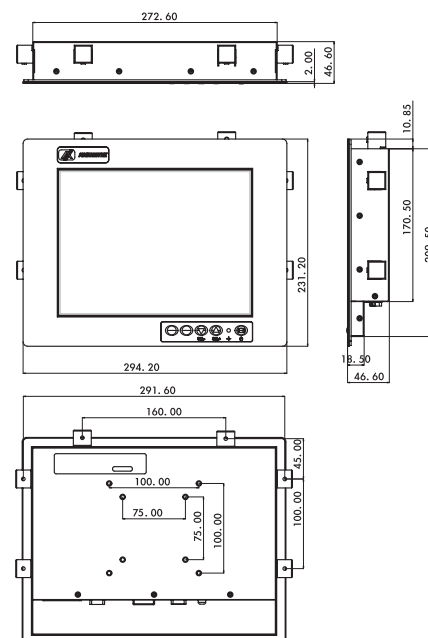


Various mounting ways
Panel/Wall/VESA



Phoenix-type power input

Dimensions



Integrated Solutions for Automation Industry

SCADA Software

Total Solution for Vertical Markets - VTA Series

GOT Fanless Touch Panel Computers

PANEL1000 Industrial Panel Computers

PANEL6000 Industrial Flat Panel Monitors

Embedded Field Controllers

Industrial Networking

Data Acquisition & Control Cards