PANEL6153

15" TFT High Brightness Industrial LCD Monitor

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

I/O connections

7. T/S port
   (D-sub optional)
8. DC power input
9. DVI
10. VGA
11. Video
12. S-video

RoHS

Features

▶ **15" TFT 250 nits high brightness XGA LCD**

▶ **NEMA 4/12(IP65)- compliant panel mounting flat panel monitor (PANEL6153-P)**

▶ **NEMA 4/12(IP65)- compliant open frame flat panel mounting (PANEL6153-O)**

▶ **Supports panel mount, wall mount, rackmount and VESA arm**

▶ **Resistive and capacitive types 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 PANEL6153 is an ultra slim industrial LCD monitor equipped 15-inch 250 nits high brightness XGA LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, 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 PANEL6153 supports panel, wall, rack 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. The PANEL6153 is especially suitable for POI/POS, excellent HMI, media-display applications and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mounting, wall mounting rackmount or VESA FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	Type 15" TFT LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.2M
	Active Area (mm)	304.128 x 228.096
	Pixel Pitch (mm)	0.297 x 0.297
	Response Time	12ms
	Backlight	2 CCFL
	Backlight MTBF	30,000 hrs
	Viewing Angle	(H) 130 (V) 120
	Contrast Ratio	500 (TYP.)
	Brightness (cd/m^2)	250 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 480 (60 / 72Hz), VGA 640 x 350 (70Hz), VGA 720 x 400 (70Hz), XGA 1024 x 768 (60/70/75Hz), SVGA 800 x 600 (60 / 72Hz)	

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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: 3.2mm
		Capacitive: 3.4mm
	Light Transmission	Resistive: 80%
		Capacitive: 90%
	Power	Resistive: +5V @ 100mA
	Consumption	Capacitive: +5V@ 100mA
	Touch Life	Resistive: 35million touches
		Capacitive: 200million touches
		Controller interface: RS-232
		D-type 9-pin male connector

Dimensions	PANEL6153-P: 400mm (15.75") (W) x 45.5mm (1.79") (D) x 323mm (12.7") (H)
	PANEL6153-O: 400mm(15.75") (W) x 45.5mm (1.79") (D) x 323mm (12.7") (H)
Weight	4.8 kg (10.58 lb)(PANEL6153-P)
Environmental	Operation temperature: 0˚C - 50˚C (32˚F - 122˚F)
	Storage temperature: -20˚C - 60˚C (-4˚F - 140˚F)
	Relative humidity: 20% ~ 90%, non-condensing
Certificate	CE

Ordering Information

PANEL6153

AC Power	Panel Mount Monitor	
Capacitive	PANEL6153PC-AC	
Resistive	PANEL6153PR-AC	
Glass	PANEL6153PG-AC	
	Open Frame Monitor	
Capacitive	PANEL6153OC-AC	
Resistive	PANEL6153OR-AC	
Glass	PANEL6153OG-AC	
24V$_{DC}$ Power	Panel Mount Monitor	
Capacitive	PANEL6153PC-24V$_{DC}$	
Resistive	PANEL6153PR-24V$_{DC}$	
Glass	PANEL6153PG-24V$_{DC}$	
	Open Frame Monitor	
Capacitive	PANEL6153OC-24V$_{DC}$	
Resistive	PANEL6153OR-24V$_{DC}$	
Glass	PANEL6153OG-24V$_{DC}$	

PANEL6153L (Input: VGA and DVI only)

AC Power	Panel Mount Monitor	
Capacitive	PANEL6153LPC-AC	
Resistive	PANEL6153LPR-AC	
Glass	PANEL6153LPG-AC	
	Open Frame Monitor	
Capacitive	PANEL6153LOC-AC	
Resistive	PANEL6153LOR-AC	
Glass	PANEL6153LOG-AC	

*Specifications and certifications are limited to optional.
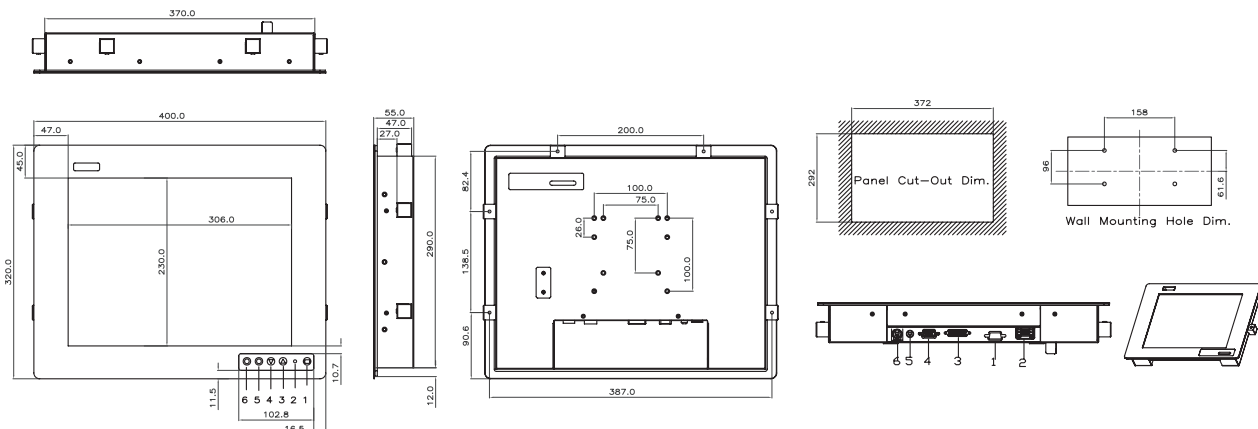
Optional Accessories

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

Stand kit

Phoenix-type power input

Screw-type power input

Dimensions

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

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PANEL6173

17" TFT High Brightness Industrial LCD Monitor
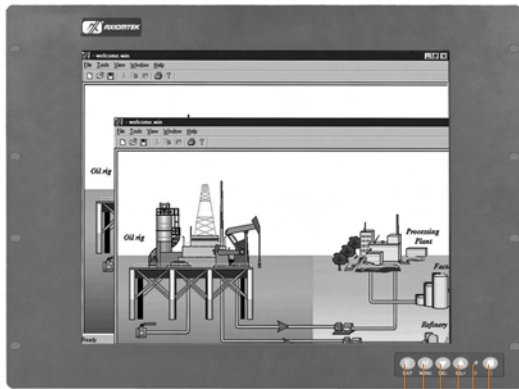
1. Exit
2. Menu
3. SEL-
4. SEL+
5. Power LED
6. Power switch
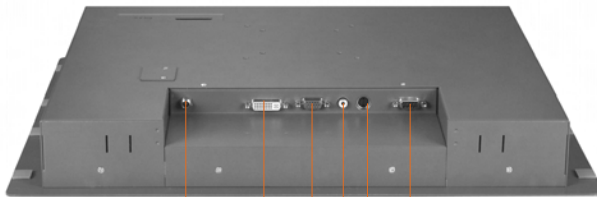
I/O connections

7. DC Power input
8. DVI
9. VGA
10. Video
11. S-video
12. T/S port (D-sub optional)

Features

- ▶ 17" TFT 300 nits high brightness SXGA LCD
- ▶ NEMA 4/12(IP65)- compliant panel mounting flat panel monitor (PANEL6173-P)
- ▶ NEMA 4/12(IP65)- compliant open frame flat panel mounting (PANEL6173-O)
- ▶ Supports panel mount, wall mount, rackmount and VESA arm
- ▶ Resistive and capacitive types 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 PANEL6173 is an ultra slim industrial LCD monitor, which adopts 17-inch 300 nits high brightness SXGA LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, 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 PANEL6173 supports panel, wall, rack 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. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mounting, wall mounting, rackmount or VESA FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display	Type 17" TFT LCD
	Max. Resolution	1280 x 1024
	Max. Colors	16.2M
	Active Area (mm)	337.92 x 270.33
	Pixel Pitch (mm)	0.264 x 0.264
	Response Time	5ms
	Backlight	4 CCFL
	Backlight MTBF	50,000 hrs
	Viewing Angle	(H) 160°; (V) 160°
	Contrast Ratio	800 (TYP.)
	Brightness (cd/m^2)	300 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 480 (60 / 72Hz), VGA 640 x 350 (70Hz), VGA 720 x 400 (70Hz), XGA 1024 x 768 (60/70/75Hz), SVGA 800 x 600 (60 / 72Hz) SXGA 1280 x 1024 (60/70/75Hz)	

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 for video Screw-type DC power input	
Power Adapter	Screw-type external AC / DC power adapter	
Touchscreen	Thickness	Resistive: 3.2mm, Capacitive: 3.4mm
	Light Transmission	Resistive: 80% Capacitive: 90%
	Power	Resistive: +5V @ 100mA
	Consumption	Capacitive: +5V@ 100mA
	Touch Life	Resistive: 35million touches Capacitive: 200million touches Controller interface: RS-232 D-type 9-pin male connector

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Dimensions	PANEL6173-P: 19"(482mm) (W) x 2.36"(60mm) (D) x 14.2"(360mm) (H)
	PANEL6173-O: 19"(482mm) (W) x 2.36"(60mm) (D) x 14.2"(360mm) (H)
Weight	5.5kg (12.12lb) (PANEL6173-P)
Environmental	Operation temperature: 0˚C - 50˚C (32˚F - 122˚F)
	Storage temperature: -20˚C - 60˚C (-4˚F - 140˚F)
	Relative humidity: 20% ~ 90%, non-condensing
Certificate	CE

Ordering Information

PANEL6173

AC Power	Panel Mount Monitor	
	Capacitive	PANEL6173PC-AC
	Resistive	PANEL6173PR-AC
	Glass	PANEL6173PG-AC
	Open Frame Monitor	
	Capacitive	PANEL6173OC-AC
	Resistive	PANEL6173OR-AC
	Glass	PANEL6173OG-AC
24V$_{DC}$ Power	Panel Mount Monitor	
	Capacitive	PANEL6173PC-24V$_{DC}$
	Resistive	PANEL6173PR-24V$_{DC}$
	Glass	PANEL6173PG-24V$_{DC}$
	Open Frame Monitor	
	Capacitive	PANEL6173OC-24V$_{DC}$
	Resistive	PANEL6173OR-24V$_{DC}$
	Glass	PANEL6173OG-24V$_{DC}$

PANEL6173L (Input: VGA and DVI only)

AC Power	Panel Mount Monitor	
	Capacitive	PANEL6173LPC-AC
	Resistive	PANEL6173LPR-AC
	Glass	PANEL6173LPG-AC
	Open Frame Monitor	
	Capacitive	PANEL6173LOC-AC
	Resistive	PANEL6173LOR-AC
	Glass	PANEL6173LOG-AC

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
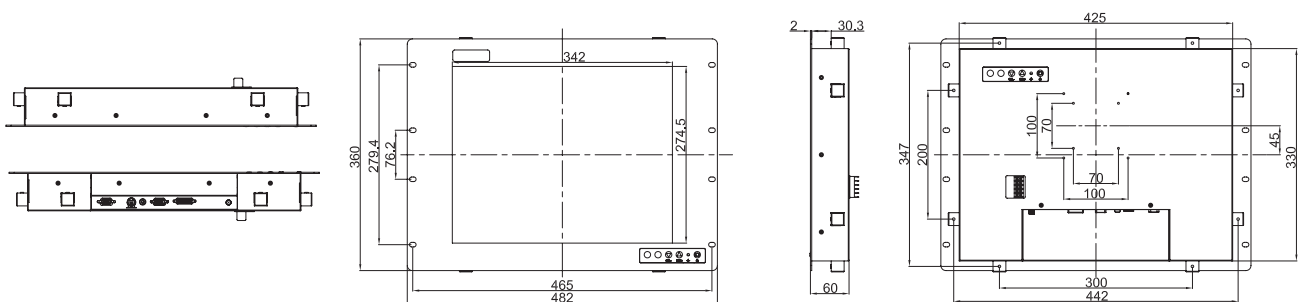Panel/ Wall/ VESA**
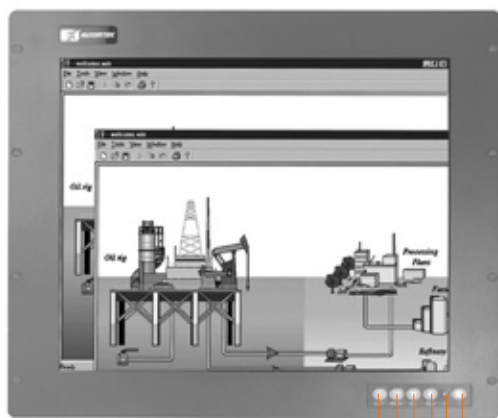

Screw-type power input

Phoenix-type power input

Dimensions

PANEL6192

19" TFT High Brightness Industrial LCD Monitor

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

I/O connections

7. DC power input
8. DVI
9. VGA
10. Video
11. S-video
12. T/S port (D-sub optional)

Features

- 19" TFT 300 nits high brightness SXGA LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor (PANEL6192-P)
- NEMA 4/12 (IP65)- compliant open frame flat panel mounting (PANEL6192-O)
- Supports panel mount, wall mount, rackmount and VESA arm
- Resistive and capacitive types 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 PANEL6192 is an ultra slim industrial LCD monitor, which adopts 19-inch 300 nits high brightness SXGA LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, Video. Featuring NEMA4/12 (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 PANEL6192 supports panel, wall, rack or VESA FPMPMI mounting (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface). With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, media-display applications and all kinds of heavy-duty industrial fields.

Specifications

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mounting, wall mounting, rackmount or VESA FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display Type	19" TFT LCD
	Max. Resolution	1280 x 1024
	Max. Colors	16.2M
	Active Area (mm)	376.32 x 301.06
	Pixel Pitch (mm)	0.294 x 0.294
	Response Time	6ms
	Backlight	4 CCFL
	Backlight MTBF	50,000 hrs
	Viewing Angle	(H) 140° (V) 130°
	Contrast Ratio	700 (TYP.)
	Brightness (cd/m2)	300 nits
Display Control	OSD (on screen display)	

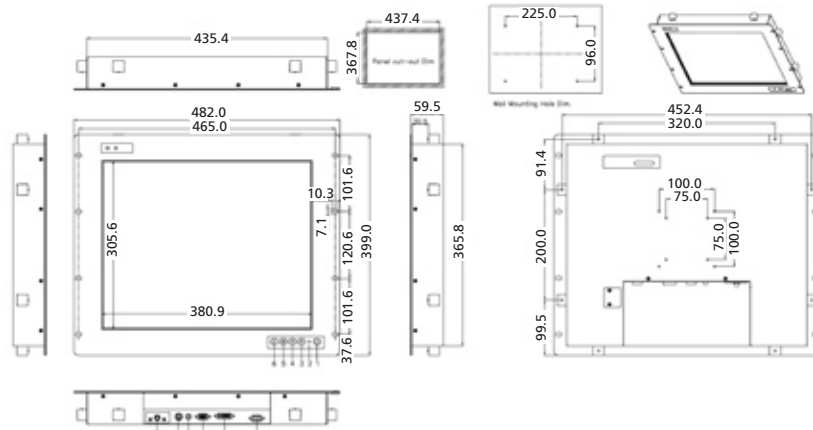|	
Display Mode	VGA 640 x 480 (60/72Hz), VGA 640 x 350 (70Hz), VGA 720 x 400 (70Hz), XGA 1024 x 768 (60/70/75Hz), SVGA 800 x 600 (60/72/75Hz) SXGA 1280 x 1024 (75Hz)
Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak Video S-Video DVI Touchscreen: Serial RS-232
I/O Connectors	D-Sub 9 pin(male) RS-232 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
Video	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: 3.2mm,
		Capacitive: 3.0mm
	Light Transmission	Resistive: 80%
		Capacitive: 84%
	Power Consumption	Resistive: +5V@ 100mA
		Capacitive: +5V@ 100mA
	Touch Life	Resistive: 35million touches
		Capacitive: 225million touches
		Controller interface: RS-232 D-Type 9-pin male connector
Dimensions		PANEL6192-P: 18.97" (482mm) (W) x 2.34" (59.5mm) (D) x 15.7" (399mm) (H)
		PANEL6192-O: 18.97" (482mm) (W) x 2.34" (59.5mm) (D) x 15.7" (399mm) (H)
Weight		9.46 kg (20.86 lb) (PANEL6192-P)
Environmental		Operation temperature: 0˚C - 50˚C (32˚F - 122˚F)
		Storage temperature: -20˚C - 60˚C (-4˚F - 140˚F)
		Relative humidity: 20% ~ 90%, non-condensing
Certificate		CE

Ordering Information

AC Power		**Panel Mount Monitor**
	Capacitive	PANEL6192PC-AC
	Resistive	PANEL6192PR-AC
	Glass	PANEL6192PG-AC
		Open Frame Monitor
	Capacitive	PANEL6192OC-AC
	Resistive	PANEL6192OR-AC
	Glass	PANEL6192OG-AC
24VDC Power		**Panel Mount Monitor**
	Capacitive	PANEL6192PC-24VDC
	Resistive	PANEL6192PR-24VDC
	Glass	PANEL6192PG-24VDC
		Open Frame Monitor
	Capacitive	PANEL6192OC-24VDC
	Resistive	PANEL6192OR-24VDC
	Glass	PANEL6192OG-24VDC

*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

Screw-type power input

Phoenix-type power input

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