ET-6500WA HMI

Features:
- 16 Million Colors
- Enhanced Cybersecurity
- Easy to Install
- Single Touch Analog Display
- 1 Ethernet Ports, Serial Ports, USB

10.1" HMI | 24 Vdc

ET-6500WA

Model: ET6000WA Series

WSGA TFT | Aluminum Front Panel

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GP-Pro EX

Performance Specifications

Model		PFXET6500WAD
Graphics Display Resolution		TFT (1024 x 600 Pixels)
Display Type and Size		WSVGA TFT Color LCD (10.1-inch) Wide
Display Colors		16 Million Colors
Touch Panel		Resistive film (analog, single touch)
Effective Display Area		222.72 x 125.28 mm (8.77 x 4.93 in)
ToucPanel Resolution		1024 x 1024
Backlight		Backlight White LED (Not user replaceable. When replacement is required, contact customer support.)
Backlight Service Life		50,000 hours or more (continuous operation at 25 °C [77 °F] before backlight brightness decreases to 25%)
Brightness Control		16 levels (Adjusted with touch panel or software)
Interface	USB (Type A)	Conforms to USB 2.0 (Type A) x 1 Power supply voltage: 5 Vdc ±5 % Output Current: 500 mA/port Maximum transmission distance : 3 m (9.84 ft) at 1.5/12/480 Mbps
	USB (Type - microB)	Conforms to USB 2.0 (micro-B) x 1, Maximum transmission distance : 3 m (9.84 ft) at 1.5/12/480 Mbps
	Ethernet	IEEE802.3i/IEEE802.3u, 10BASE-T/100BASE-TX, Connector: Modular jack (RJ-45) x 1
	Serial (COM1)	Asynchronous Transmission: RS-232C, Data Length: 7 or 8 bits, Stop Bit: 1 or 2 bits, Parity: None, Even or Odd, Data Transmission Speed: 2,400 to 115,200 bps, Connector: D-Sub 9 (plug)
	Serial (COM2)	Asynchronous Transmission: RS-422/485, Data Length: 7 or 8 bits, Stop Bit: 1 or 2 bits, Parity: None, Even or Odd, Data Transmission Speed: 2,400 to 115,200 bps, Connector: D-Sub 9 (plug)

General Specifications

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Model	PFXET6500WAD
Input Voltage	Rated Input Voltage: 24 Vdc / Input Voltage Limits: 19.2 to 28.8 Vdc
Power Consumption	11 W
In-Rush Current	30 A or less
Storage Temperature	-20 to 60 °C (-4 to 140 °F)
Shock Resistance	IEC/EN 61131-2 compliant 147 m/s2, X, Y, Z directions for 3 times
Certifications	CE Directive 2014/35/EU (Low Voltage) Directive 2014/30/EU (EMC), UL 61010-2-201 and CSA C22.2 N°61010-2-201, KC
Voltage Drop	5 ms or less
Corrosive Gas	Free of corrosive gases
Pollution Degree	For use in pollution degree 2 environment
Cooling method	Natural air circulation
Dust	0.1 mg/m3 (10-7 oz/ft3) or less (non-conductive levels)
Voltage Endurance	1,000 Vac, 20 mA for 1 minute (between charging and FG terminals)
Vibration Resistance	IEC/EN 61131-2 compliant 5 to 9 Hz single amplitude 3.5 mm [0.14 in.] 9 to 150 Hz fixed acceleration: 9.8 m/s2 X, Y, Z directions for 10 cycles (approx. 100 min.)
Insulation Resistance	500 Vdc, 10 MΩ or more
Structure	IP65F
Weight	1.3kg (2.87 lb) or less
External Dimensions	270.5 x 200.5 x 47 mm (10.65 x 7.89 x 1.85 in)
Panel Cut-Out Dimensions	255 x 185 mm (10.04 x 7.28 in)[1] Panel thickness area: 1.6...5 mm (0.06...0.2 in)[2]
Warranty	Two (2) years

1 For dimensional tolerance, everything +1/-0 mm (+0.04/-0 in) and R in angle are below R3 (R0.12 in)
2 Even if the installation wall thickness is within the recommended range for the "Panel Cut Dimensions", depending on wall's material, size, and installation location of this product and other

External Dimensions

270.5 / 10.65

200.5 / 7.89

47 / 1.85   7.8 / 0.31

(C)

(A)

(B)

mm / in

(A). Front
(B). Left
(C). Bottom
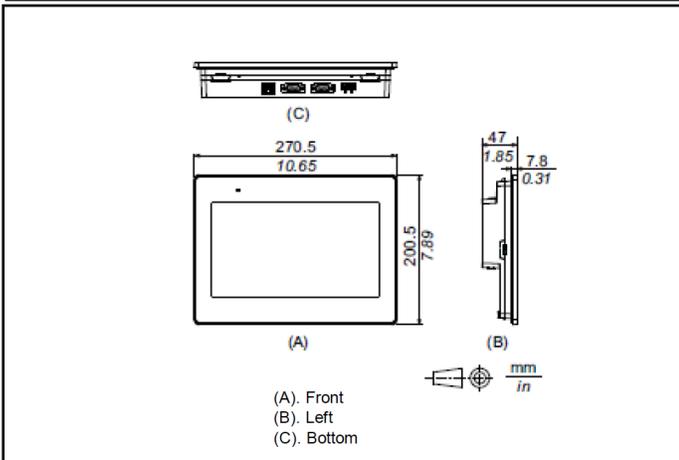
Ordering Information

Model Number	Description
PFXET6500WAD	10"W WSVGA, Analog, Ethernet, DC with analog signal touch panel, Ethernet(RJ45) x 1, USB Host, 24VDC, Serial Ports (COM 1 & 2), USB

Panel Cut-Out Dimensions

mm / in.

A

B

C

R5 / R0.20

Panel Cut Out	A	B	C
10.1"	255 (+1/-0 mm) (7.48 in [+0.04/-0 in])	185 ±0.4 mm (5.31 in [+0.04/-0 in])	1.6 to 5 mm (0.06 to 0.2 in.)
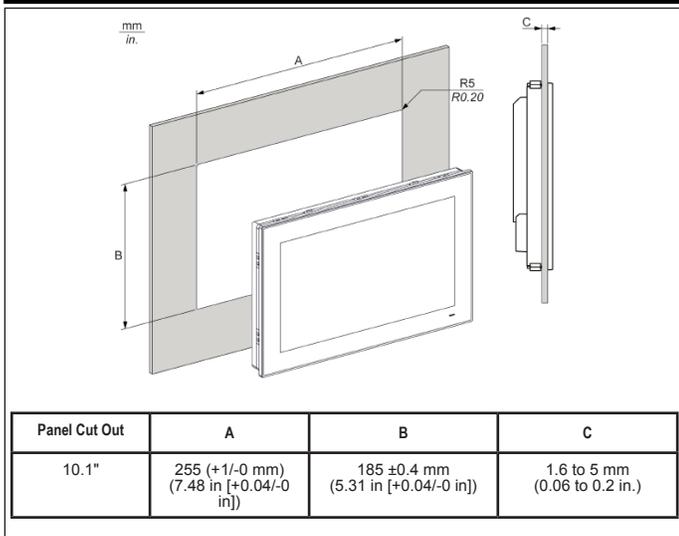
Pro-face America
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For more information

ACCESS   www.profaceamerica.com