

19" Industrial Flat Panel Display - FP-3900T



TouchPanel
Operation



Figure is FP3900-T41-U

Features:

- SXGA Display TFT Touch Panel
- VESA Mounting (75mm and 100mm)
- DVI Compatible
- 16 million colors

- NEMA 4/4x/12 Rated (IP65F) *Not using Front USB
- RoHS Directive-conforming
- Front USB interface (FP3900-T41-U only)
- Class I, Div. 2 Hazardous Location

Performance Specifications

Model	FP3900-T41-U FP3900-T41
Display Type	TFT Color LCD
Display Colors	16,777,216 Colors
Display Area	376.32mm [14.82in.] x 301.056mm [11.85in.]
Video I/F	VGA Interface (analog RGB) Connector or DVI-D ¹ Interface Connector
Graphics Display Resolution	SXGA (1280 x 1024 dots)
Backlight	CCFL (not replaceable)
Contrast Adjustment	Adjustable via OSD
Touch Screen	RS-232C or USB (USB 2.0 compatible) ¹
USB (Type A) ²	Front port (USB 2.0 (Type B) compatible) (FP3900-T41-U only)

*1 Use one or the other.
*2 Available for use when the touch panel USB cable (B type) is connected to a PC.

19-inch TFT Color LCD
Flat Panel Monitor

FP-3900T

Models: FP3900-T41-U, FP3900-T41

AC100/240V	19-inch
SXGA	

SXGA (1280 x 1024) Analog or DVI-D

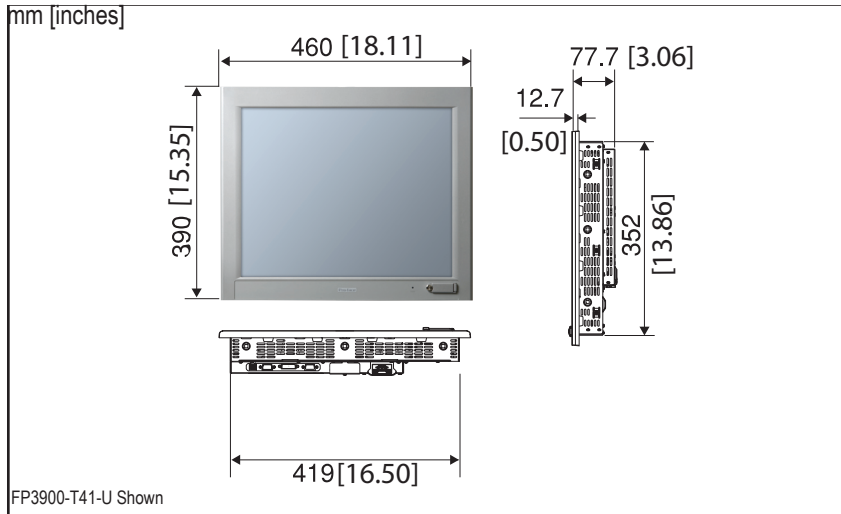


General Specifications

Input Voltage	AC100 / 240V (50/60Hz)
Power Consumption	AC100 V1.1A or less, AC240 V0.7A or less
Allowable Voltage Drop	1 cycle or less (Voltage drop interval must be 1s or more.)
Voltage Endurance	AC1500V 20mA for 1 minute
Insulation Resistance	DC500V 10MΩ(min.) (between charging and FG terminals)
Certifications	UL508, CSA-C22.2 No.142-M1987, ANSI/ISA-12.12.01-2007 (Class I, Division 2, Groups A, B, C, D Hazardous Locations), CSA-C22.2 No.213-M1987 (Class I, Division 2, Groups A, B, C, D Hazardous Locations), CE (EN55011 Class A, EN61000-6-2, EN60950-1), RoHS
Surrounding Air Temperature	0 to 50°C (unit must be installed within 30° of vertical)
Humidity - Ambient/Storage	10 to 90% RH (Not condensing, wet bulb temperature: 39°C or less).
Corrosive Gas	Free of corrosive gases
Noise Immunity	Noise Voltage: 1500Vp-p, Pulse Duration: 1μs, Rise Time: 1ns (via noise simulator)
Grounding	100Ω or less, or your country's applicable standard.
Electrostatic Discharge Immunity	6kV (complies with EN 61000-4-2 Level 3)
Vibration Resistance	JIS B 3502, IEC61131-2 compatible, 5Hz to 9Hz Half Amplitude 3.5mm, 9Hz to 150Hz Constant Acceleration 9.8m/s ² , Applied in X, Y and Z directions 10 cycles for 100 minutes
Rating	Equivalent to IP65f (not using Front USB) ²
Weight	Approx. 10.0kg [22.0lb]
External Dimensions	460mm [18.11in.] W x 390mm [15.35in.] H x 77.7mm [3.06in.] D
Warranty	Two (2) year

*2 The front face of the FP unit, installed in a solid panel, has been tested using conditions equivalent to the standards shown in the specification. Even though the FP unit's level of resistance is equivalent to these standards, oils that should have no effect on the FP can possibly harm the unit. This can occur in areas where either vaporized oils are present, or where low viscosity cutting oils are allowed to adhere to the unit for long periods of time. The FP's front face protection sheet becomes peeled off, these conditions can lead to the ingress of oil into the FP and separated protection measures are suggested. Also if non-approved oils are present, it may cause deformation or corrosion of the front panel's plastic cover. Therefore, prior to installing the FP be sure to confirm the type of conditions that will be present in the FP's operating environment. If the installation gasket is used for a long period of time, or if the unit and its gasket are removed from the panel, the original level of the protection cannot be guaranteed. To maintain the original protection level, be sure to replace the installation gasket regularly.

FP-3900T - External Dimensions



Ordering Information

Part Number	Description
FP3900-T41-U	19" TFT Color LCD, Front port (Type A USB 2.0 compatible)
FP3900-T41	19" TFT Color LCD

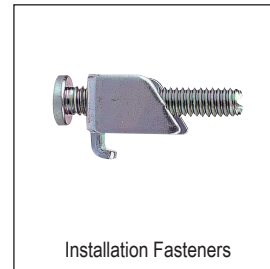
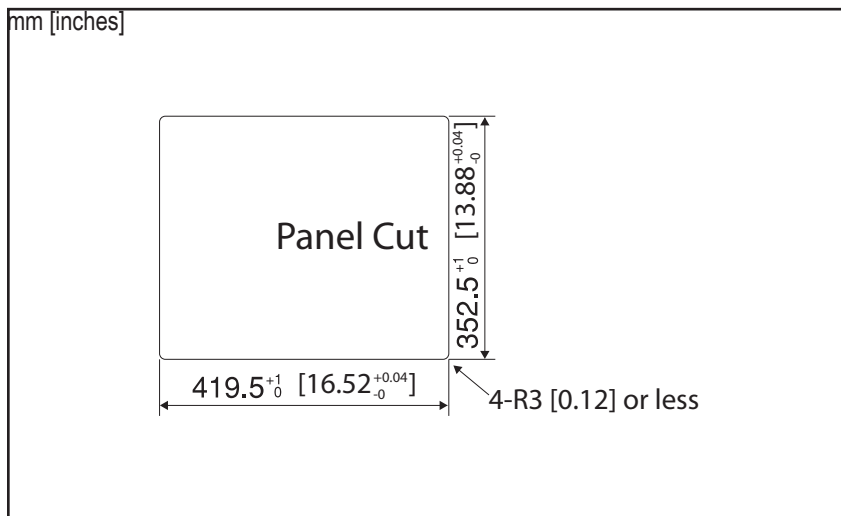
Accessories or Replacement Components

Product Name	Part Number	
Touch Interface		
RS-232C Cable	5m	FP61V-IS00-0
USB Cable	5m	FP-US00
Video Interface		
Analog RGB Cable	4.5m	FP-CV02-45
DVI-D Cable	5m	FP-DV01-50
Installation Fasteners	CA3-ATFALL-01	
Screen Protection Sheet (5 sheets/set)	CA3-DFS19-01	

Caution: Before operating any of these products, please be sure to read all related manuals thoroughly.

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FP-3900T - Cut-Out Dimensions



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