

12" XGA(1024 x 768) Flat Panel Monitor - FP3650T



Features:

- 12.1-inch (XGA 1024x768) TFT monitor
- VESA Mounting (75mm)*1
- DVI Compatible
- Bottom USB interface
- 262,144 million colors
- NEMA 4/4x/12 Rated (IP65F)
- RoHS Directive-conforming
- UL, cUL, CE

Performance Specifications

Model	FP3650-T41 Series
Display Type	TFT Color LCD (12.1 inch)
Display Colors	262,144 Colors
Display Area	245.76mm [9.86 in.] × 184.32mm [7.26in.]
Video	Analog RGB or DVI-D*2
Graphics Display Resolution	XGA (1024 × 768 pixels)
Backlight	CCFL (Replaceable)
Contrast Adjustment	Adjustable via OSD
Touch Screen	RS-232C or USB (Type B, USB 2.0 compatible)
USB (type A)*3	Bottom 1 port (USB 2.0 compatible)

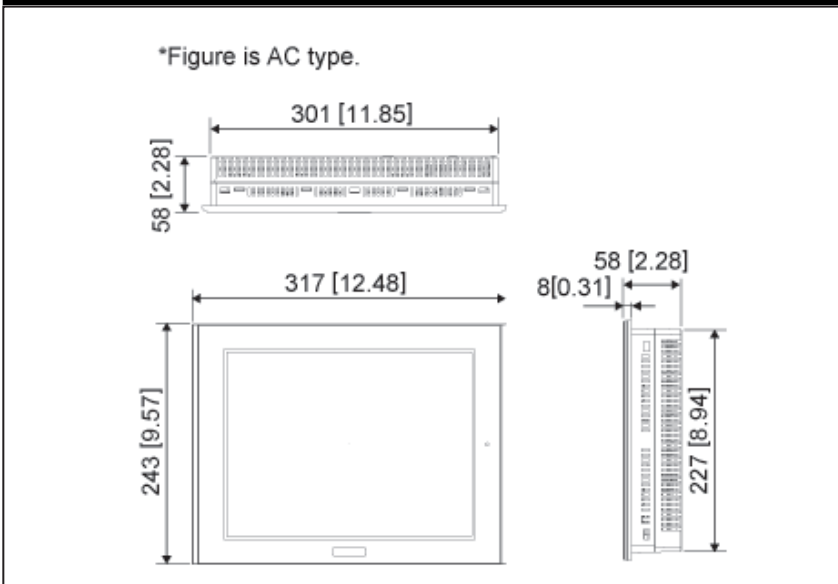
*1 Need to use Rear cover <CA1-RCVLRG-01>
 *2 Use one or the other.
 *3 Available for use when the touch panel USB cable (B type) is connected to a PC.

General Specifications

Model	FP3650-T41 Series (AC Model)
Input Voltage	AC100V to 240V (50/60Hz)
Power Consumption	AC100V 0.90A or less AC240V 0.45A 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	UL60950-1, CSA-C22.2 No 60950-1-03, CE (EN55011 Class A, EN61000-6-2, EN60950-1), RoHS
Ambient Operating Temperature**	0 to 50°C (32 to 122°F) (within 30° from the installing angle vertical direction)
Humidity - Ambient/Storage	10 to 90% RH (Not condensing, wet bulb temperature: 39°C (84.2°F) or less). Storage Temperature -20 to +60°C (-4 to 140°F)
Corrosive Gas	Free of corrosive gases
Noise Immunity	Noise Voltage: 1500Vp-p, Pulse Duration: 50ns, 500ns, 1μs Rise Time: 1ns (via noise simulator)
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
Weight	Approx. 3.5kg [7.7lb]
External Dimensions	317mm [12.48in.] × 243mm [9.57in.] × 58mm [2.28in.] D
Warranty	Two (2) year

*4 "Ambient Operating Temperature" indicates the cabinet interior or panel face temperature.

FP3650T - External Dimensions - North American Version



Ordering Information

Part Number	Description
FP3650-T41	12" TFT Color LCD

Accessories or Replacement Components

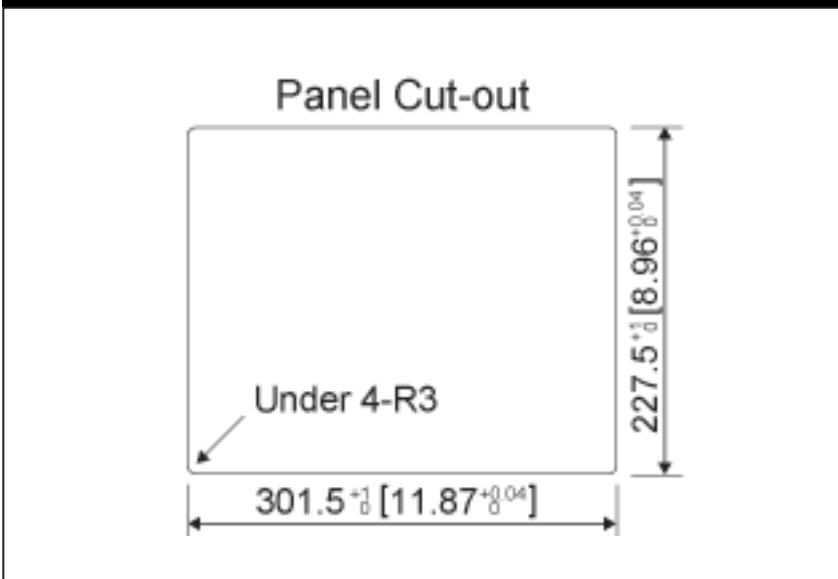
Product Name	Part Number
Touch Interface	
Serial Interface Cable	5m FP61V-IS00-O
USB Cable	5m FP-US00
Video Interface	
Analog RGB Cable	4.5m FP-CV02-45
DVI-D Cable	5m FP-DV01-50
Installation Fasteners*1	GP070-AT01
Backlight (2 pieces/set for 1 unit)*1	CA5-BLU12XGA-01
Screen Protection Sheet (5 sheets/set)	PSL-DF00

*1 Standard attachment for all models.

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

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- All information contained in this document is subject to change without notice.

FP3650T - Cut-Out Dimensions - North American Version



Pro-face America
Phone: 734.429.4971
Fax: 734.429.1010
www.profaceamerica.com

Customer Service Hotline: 734.944.0482

For more information
ACCESS www.profaceamerica.com