

# 15" with Keypad and Mouse Flat Panel Monitor - FP3710K



**Features:**

- XGA Display TFT Touch Panel
- VESA Mounting (75mm)
- DVI Compatible
- Rugged Aluminum Body
- 16 million colors
- NEMA 4/4x/12 Rated (IP65F) \*Not using Front USB
- RoHS Directive-conforming
- Front USB interface
- Keyboard
- Class I, Div. 2 Hazardous Location

**Performance Specifications**

Model	FP3710-K41-U
Display Type	TFT Color LCD (15 inch)
Display Colors	16,777,216 Colors
Display Area	304.1mm [11.97in.] x 228.1mm [8.98 in.]
Video	VGA Interface (analog RGB) Connector or DVI-D*1 Interface Connector
Graphics Display Resolution	XGA (1024 x 768 pixels)
Backlight	CCFL (Replaceable)
Contrast Adjustment	Adjustable via OSD
Touch Screen	RS-232C or USB (Type B, USB 2.0 compatible) *1
USB (type A)*2	Front port (USB 2.0 compatible)

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

**General Specifications**

Model	FP3710-K41-U (AC Model)
Input Voltage	AC100V to 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
Ambient Operating Temperature*3	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/s2, Applied in X, Y and Z directions 10 cycles for 100 minutes
Rating	Equivalent to IP65f (only for the front area when the panel is installed)*4
Weight	Approx. 8.0kg (17.6lb) or less
External Dimensions	488mm [19.21in.] x 367mm [14.45in.] x 63mm [2.48in.]
Warranty	Two (2) year

\*3"Ambient Operating Temperature" indicates the cabinet interior or panel face temperature.  
\*4 Meets IP65f testing requirements. Operation is not, however, guaranteed in every environment.

**FP3710K - External Dimensions - North American Version**

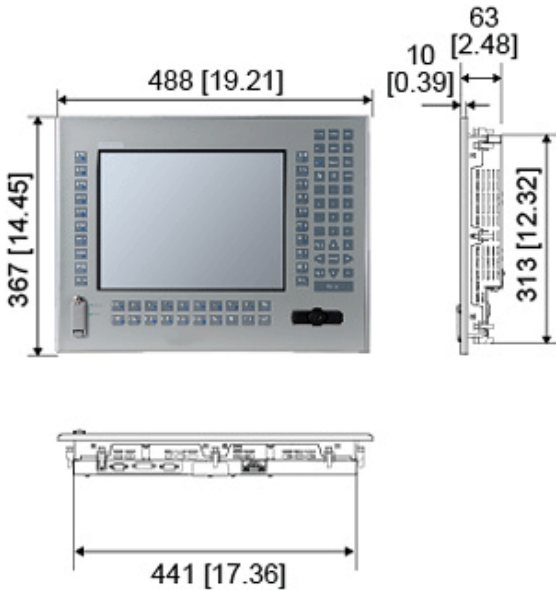


Figure is FP3710-K41-U

**Ordering Information**

Part Number	Description
FP3710-K41-U	15" TFT Color LCD with Keypad and Mouse, Front port (Type A USB 2.0 compatible)

**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		CA3-ATFALL-01
Backlight (2 pieces/set for 1 unit) *1		CA7-BLU15-01
Screen Protection Sheet (5 sheets/set)		CA3-DFS15-01

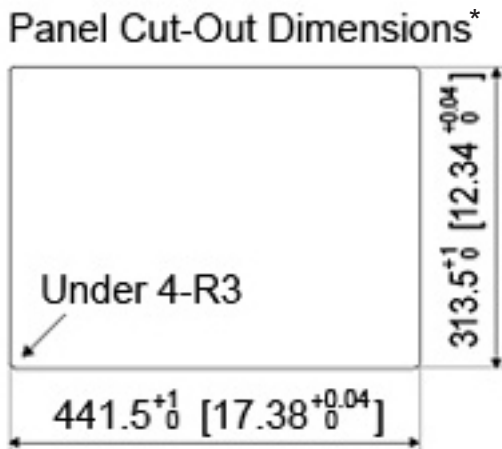
\*1Standard attachment for all models.

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

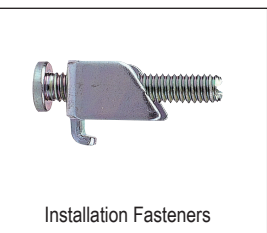
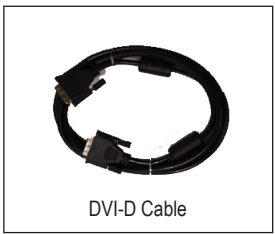
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**FP3710K - Cut-Out Dimensions - North American Version**

mm [inches]



\*Panel cutout compatible with Xycom 5015KPM(T)



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