

10" Industrial Flat Panel Display - FP6500WCD



10-inch TFT Color LCD Flat Panel Monitor

FP6500WCD

Models: PFXFP6500WCD

24Vdc

WXGA

10-inch

WXGA 1280 x 800

16 Million Colors

UL LISTED

CE

KC

RoHS

SP

Features:

- WXGA Display TFT Touch Panel
- 16 Million colors
- Multi-touch gesture operation
- Automatic brightness adjustment sensor
- Supports Win10IoT Ent 2019 LTSC & Win10 (build 1809 or later)
- Automatic resolution adjustment
- Class 1 Div 2
- Flexible - Panel or VESA mounting, in Landscape or Portrait mode

Performance Specifications

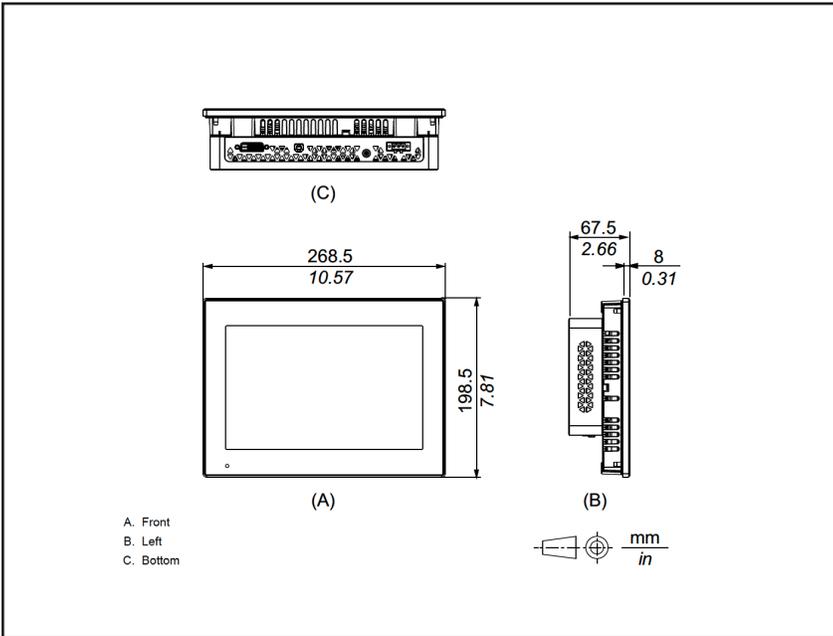
| | |
|-----------------------------|--|
| Model | PFXFP6500WCD |
| Display Type | 10.1" TFT Color LCD |
| Touch Panel | Projected capacitive with optimized noise filter multi-touch (two-point touch) |
| Display Colors | 16 Million Colors |
| Display Area | 216.96 x 135.6 mm (8.54 x 5.34 in) |
| Graphics Display Resolution | 1,280 x 800 pixels (WXGA) |
| Backlight | White LED (Not user replaceable. When replacement is required, contact your local distributor.) |
| Backlight service life | 50,000 hours or more (continuous operation at 25°C [77° F] before backlight brightness decreases to 50%) |
| Video interface | DVI (Digital signal) 5M, Connector: DVI-D 24 pin (socket) x 1 |
| USB (Type B) | USB 2.0 (Type B) x 1 |

General Specifications

| | |
|--------------------------------------|---|
| Model | PFXFP6500WCD |
| Rated Input Voltage | 24Vdc |
| Power Consumption | 12.4 W or less (Backlight ON: 100% (Power is supplied to external devices)), 5.9 W or less (When screen turns off the backlight (standby model)) |
| Voltage Drop | 10 ms or less |
| Voltage Endurance | 1,000 Vac for 1 minute (between charging and FG terminals) |
| Insulation Resistance | 500 Vdc, 10 MΩ or more (between charging and FG terminals) |
| Certifications | UL 61010-2-201 and CSA C22.2 N°61010-2-201, CE, KC, RCM, RoHS, Haz Loc Class 1, Div2 ^{*1} , ATEX/IECEx Zone 2/22*1, DNV-GL |
| Storage temperature | -4 to 140°F (-20 to 60°C) |
| Surrounding air and storage humidity | 10% to 90% RH (non-condensing, wet bulb temperature 39 °F, [102.2 °F or less]) |
| Dust | 0.1mg/m ³ (10 ⁻⁷ oz/ft ³) or less (non-conductive levels) |
| Noise Immunity | Noise voltage: 1,000 Vp-p, Pulse duration: 1 μs, Rise time: 1 ns, (via noise simulator) |
| Grounding | Functional grounding: Grounding resistance of 100Ω, 2 mm ² (AWG 14) or thicker wire, or your country's applicable standard (same for FG and SG terminals). |
| Electrostatic Discharge Immunity | Contact discharge method: 6 kV (IEC/EN 61000-4-2 Level 3) |
| 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/s ² , X, Y, Z directions for 10 cycles (approx. 100 min.) |
| Weight | 3.2 kg (7.1 lb) or less |
| External Dimensions | 268.5 x 198.5 x 67.5 mm (10.57 x 7.81 x 2.66 in) |
| Panel Cut-Out Dimensions | 255 x 185 mm (10.04 x 7.28 in) Panel thickness area: 1.6 to 5 mm (0.06 to 0.2 in) |
| Warranty | Two (2) year |

^{*1} Some products are not yet rated as suitable for use in hazardous locations. Always use your product in conformance with the product labeling and this manual.

FP6500WCD - External Dimensions



Ordering Information

| Part Number | Description |
|--------------|-----------------------------|
| PFXFP6500WCD | 10.1" TFT Color LCD, 24 Vdc |

Accessories or Replacement Components

| Product Name | Part Number | |
|-----------------------------|-------------|------------|
| USB Cable | 5m | FP-US00 |
| DVI-D Cable | 5m | FP-DV01-50 |
| 10-inch Installation Gasket | PFXZCHWG102 | |
| 10-inch Anti-Glare Sheet | PFXZCAG5W1 | |
| Installation Fastener | PFXZCAF1 | |

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

- All product names used in this document are trademarks or registered trademarks of their respective companies.
- All information contained in this document is subject to change without notice.

FP6500WCD - Cut-Out Dimensions

