

10.4" LCD Monitor with Projected Capacitive Touch Solution

Bergquist presents you the projected capacitive touch solution covering a 10.4" TFT touch monitor in a metal enclosure attached to Bergquist's projected capacitive touch panel, PenMount 1300 projected capacitive touch control board with fine-tuned firmware. This touch monitor module connects to the computers directly by USB port. On Windows 7 O.S. it accesses the Windows 7 inbox driver to perform using single and dual –touch inputs. A utility program is included form customizing the touch sensitivity and various touch performances.



Touch Monitor Features

- 10.4" TFT LCD monitor with projected capacitive touch solution
- Supporting single and dual touch
- Bergquist 10.4" projected capacitive touch panel
- PenMount 1300 projected capacitive touch control board
- VGA interface to communicate with the host computer for LCD display
- USB interface to communicate with the host computer for touch controller

LCD Monitor Specification

- LCD Diagonal Size: 10.4" TFT LCD
- LCD Resolution: 1024x768
- LCD Active Area 210.4 (W) x 157.8 (H) mm
- Interface: TTL Digital Display Board
- Monitor Power Consumption: 8W (Typ.)
- Interface to Main System: VGA Port
- Power Cord Included
- Weight: 1500g (including touch panel and control board)
- Dimensions: 262 (W) x 202 (H) x 45 (D) mm
- Operating Temperature: -10°C to +60°C
- Storage Temperature: -20°C to +70°C

Bergquist 400614 Projected Capacitive Touch Panel Specification

- Technology: Projected Capacitive
- Measurement Resolution: 1024
- Response Time: <20ms
- Touch Function: Single and Dual Touch
- Light Transmission: >88%
- Haze: <3%
- Sensor Thickness: 1.75±0.2mm
- Top Glass Thickness: 1.1mm
- Glass Hardness: Mohs 5
- Tail Design: FPC Tail
- Activation Force: Forceless
- Operating Temperature: -20°C to +70°C
- Storage Temperature: -40°C to +80°C
- Humidity: 10% to 90% RH
- Touch Panel Dimensions: 228.2 (W) x 180.1 (H) x 1.75 (D) mm

PenMount 1300 Projected Capacitive Touch Controller Specification

- Power Consumption: DC +5V, Max 50mA, Typ 25-40mA
- Interface: USB 2.0 compatible, full speed
- Resolution: 1024x1024
- Accuracy: <1mm
- Single Touch: 200 points/sec
- Dual Touch: 100 points/sec
- Response Time: Max 40ms
- Operating Temperature: -25°C to +80°C
- Storage Temperature: -40°C to +90°C
- Relative Humidity: 90% RH at 40°C (non-condensing)
- Control Board Dimensions: 40 x 70mm
- USB Cable Included
- RoHS Compliant
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