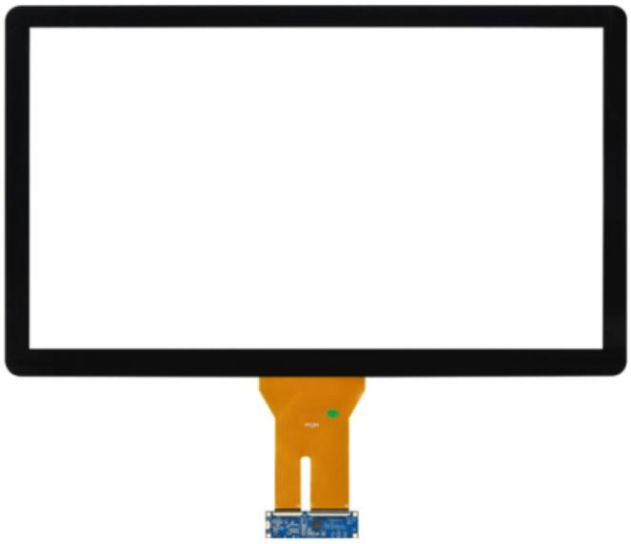
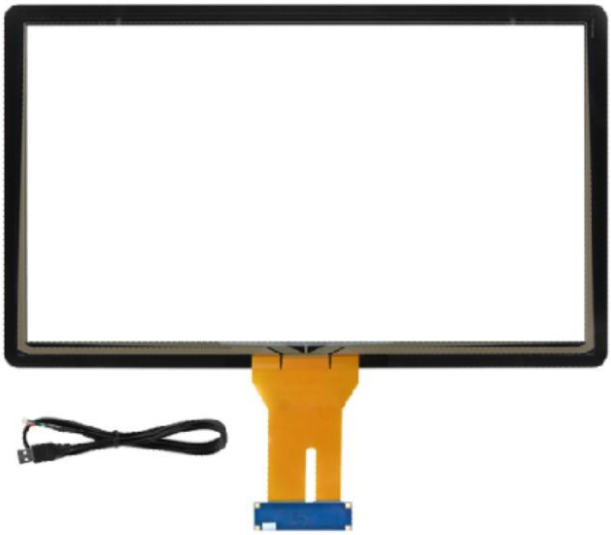
TDD-PCT-L500
50’’ PCAP Touch Panels





Overview
With a stylish, sleek no-bezel design (bezel available), **TDD** Projected Capacitive (PCAP) Touchscreens offer a range of screen sizes(small & medium and large format from 7’’ to 65’’) with user friendly multi-touch experience, fast and sensitive response and professional-grade reliability associated with kiosks, digital signage and control panels, operating with very light touch through highly durable glass surface. Our projected capacitive touch screen kits provide a high quality Glass on Glass sensor construction through the integration of touch panels, controllers, and drivers for commercial applications.

Features
- Multi-touch (10 points) operation with high light transmission and image clarity
- Two glass PCAP solution (2GS) with high touch durability and long term stability
- Customizable for screen dimensions, cover glass thickness, bonding and surface treatments

Specifications
Touch

Technology	PCAP(Projected Capacitive)
Number of Touches	10 points Multi Touch
Input Methods	Finger, Gloved hand, Passive stylus
Dimensions	50’’
Light Transmittance	≥89%
Structure	Cover: 4mm, UV: 0.475mm, ITO + Sensor glass + ITO: 1.1mm (tolerance: ± 1.0mm)
Surface Treatment	Water, Dust & Vandal proof; **Optional**: Anti-glare, Anti-fingerprint, Anti-smudge, Anti-bacterial
Durability	Over 50 million touches in one location
Positional Accuracy	± 1.5mm
TFT | TP Interface	**FPC** / I2C | USB & COB all out PIN on TP controller
Report Rate	≥ 100Hz
Operating System	Windows / Android / Linux / Mac
Utilities	Multiple monitor, Various touch modes, Touch zones
Power	Supply / Consumption: USB input 5V +/- 5%; 120mA Max., 90Ma Idle, <1mA sleep
Mechanical	**Cover VA/OD: 1097.84x618.41/1139.28x669.9mm|Sensor AA/OD: N/A /1135.28x665.9mm** Weight(Unpack/Packed): N/A/Box Sizes: N/A
Environmental	Operating / Storage Temperature: -20°C to 70°C, RH <90% (Non-Condensing)
Accessories	USB cable, TP controller
Others	MTBF / Warranty / Ready for Use: as above durability / 2-year / 24/7 **Optical bonding for CTP and TFT is optional.**

* **TDD** (www.tddtouch.com, sales@tddtouch.com) reserves the right to change specifications without prior notice.