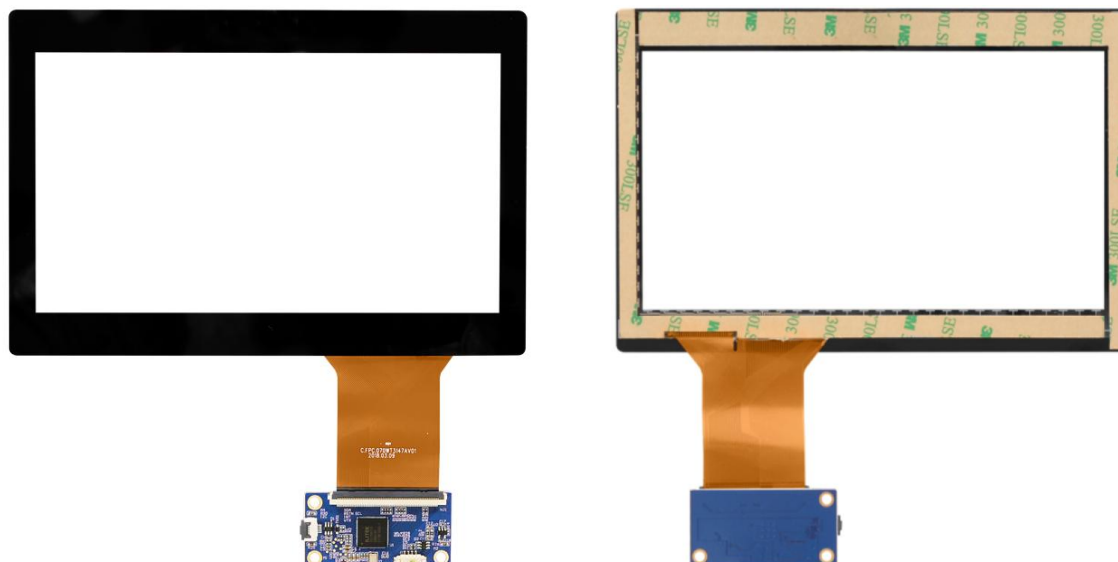


# TDD-PCT-S170

## 17" 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          | 17"                                                                                                    |
| Light Transmittance | ≥89%                                                                                                   |
| Structure           | Cover: 3mm, UV: 0.2mm, ITO + Sensor glass + ITO: 0.7mm (tolerance: ± 0.2mm)                            |
| Surface Treatment   | Water, Dust & Vandal proof; <b>Optional:</b> Anti-glare, Anti-fingerprint, Anti-smudge, Anti-bacterial |
| Durability          | Over 50 million touches in one location                                                                |
| Positional Accuracy | ± 1.5mm                                                                                                |
| TFT   TP Interface  | <b>FPC</b> / 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: N/Amm | Sensor AA/OD: N/Amm**  
Weight(Unpack/Packed): 1.2/1.7|7.2/6.5kg(1|6pcs)/Box Sizes: 430x120|160x350mm(1|6pcs)

#### 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](http://www.tddtouch.com), [sales@tddtouch.com](mailto:sales@tddtouch.com)) reserves the right to change specifications without prior notice.