

TOUCHSCREEN

Technology Overview

RESISTIVE

ADVANTAGES

- Cost-effective solution
- Activated by any stylus
- Very accurate
- Low power requirements
- Liquids won't affect touch screen performance

DISADVANTAGES

- Polyester surface can be damaged
- Lower endurance (35 million touches)

CAPACITIVE

ADVANTAGES

- Scratch resistant, durable surface
- High endurance (225 million touches)
- Very accurate
- Good optical clarity (88+% transmissivity)
- Liquids won't affect touch screen performance

DISADVANTAGES

- Does not work with gloved finger or stylus

SURFACE ACOUSTIC WAVE (SAW)

ADVANTAGES

- High sensitivity and great touch accuracy
- Durable glass construction
- High optical clarity
- Activated by stylus or finger

DISADVANTAGES

- Liquids can cause false touches
- Solid contaminants create dead areas

PROJECTED CAPACITIVE

ADVANTAGES

- Supports multi-touch gesturing – flicking, scrolling, resizing
- Activated by a very light touch
- Scratch resistant, durable surface
- Very accurate
- High transmissivity
- Works with finger, thin gloves or conductive stylus

DISADVANTAGES

- Does not work with all styli or prosthetic hand

Customer [1st]TM
2 Day replacement, 3 Year warranty

- 3-Year Warranty
- 2-Day Advanced Replacement
- **FREE** Shipping (both ways all 3 years)

See warranty details online at

planar.com/reseller



Contact Info

Reseller Support
1.866.PLANAR0 (752.6270)

Technical Support
1.866.PLANAR1 (752.6271)

Email
touchscreens@planar.com
bids@planar.com
demos@planar.com

Visit us Online
www.planartouch.com



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SIMPLIFIED TOUCHSCREEN SOLUTIONS



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FACTORY & MFG



GAMING



EDUCATION

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RETAIL POS

Interactive Digital Signage

Grocery Stores
Retailers
Convenient Stores



FOOD SERVICE

Restaurants
Cafeterias
Food Processing



HOSPITALITY

Hotel & Motels
Theaters
Sports Venues



HEALTHCARE

Hospitals
Doctors/Dentists
Pharmacies



SELF-SERVICE

Retail Stores
Public Venues
Transportation



FACTORY & MFG

Manufacturing
Equipment OEMs
Cleanroom Facility



GAMING

Casinos
Sports Venues
Gaming Arcades



EDUCATION

K12 Schools
Universities
Libraries/Museums

COMMON Applications

End Caps
POI Displays

Register Checkouts
Self-Checkouts
In-Store Kiosks

Restaurant Registers
Food Prep Stations
Self-Ordering Kiosks

Hotel Registration
Self Check-in Kiosks
Lobby Digital Signage

Carts, Patient Sign-In
Cafeteria/Gift Shop POS
Pharmacy & Labs

Self-Serve Checkouts
Ticketing Kiosks
Point-Of-Interest Kiosks

Equipment Automation
Robotic Controls
Inventory Systems

Lottery Kiosks
Video Gaming
Countertop Gaming

Cafeteria Checkouts
Libraries & Special Needs
Course Registration

TYPICAL Requirements

Aesthetics
High Reliability

Small Form Factor
Low Cost
High Reliability

Sealed Bezel
Stylus Independent
High Reliability

Form Factor
Easy to Use & Read
High Reliability

Sealed Bezel
Stylus Independent
High Reliability

Easy to Use & Read
Stylus Independent
High Reliability

Easy to Use & Read
Stylus Independent
High Reliability

Easy to Use & Read
High Reliability
Durable Design

Low Cost
Form Factor
High Reliability

RECOMMENDED Product

PT3285PW - 997-6700-00

Large 32" wide multi-touch projected capacitive, finger or conductive stylus input. Great for desktop or small format digital signage.

PT1500MX - 997-3981-00

Small form factor, very accurate, rugged design, supports any touch input, proven technology, MSR option.

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Small form factor, very accurate, supports any touch input, proven technology, MSR option.

PT1585P - 997-6313-00

15" visually appealing multi-touch zero-bezel display. -5° to 90° tilt. Activated by a very light touch. Great for front desks or directory kiosks.

PT1710MX - 997-3351-00

17" white resistive model with a sealed bezel. Easy to clean, perfect for gloved hands, DC power option.

PT1985P - 997-6315-00

19" eye-catching display, very accurate, zero bezel, projected capacitive design. Ideal for customer facing use.

PT1745R - 997-5969-00

17" form factor, very accurate, rugged design, supports any touch input. Perfect for equipment control.

PT2275SW - 997-5975-00

Large 22" wide screen, durable design, supports any touch input. Great for tabletop gaming or signage.

PT1545R - 997-5967-00

Small form factor, very accurate, rugged design, supports any touch input, proven technology.

ALTERNATIVE Recommendation

PT2285PW - 997-6316-00

Large 22" wide multi-touch projected capacitive, finger or conductive stylus input. Great for kiosk or signage.

PT1545R - 997-5967-00

Small form factor, very accurate, rugged design, supports any touch input, proven technology.

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Small form factor, very accurate, rugged design, supports any touch input, proven technology.

PT1785P - 997-6314-00

17" visually appealing multi-touch zero-bezel display. -5° to 90° tilt. Activated by a very light touch. Good solution for front desks or call centers.

PT1975S - 997-3410-00

Large bright 19" surface acoustic wave display. Great for patient sign-in, POI, directories and signage.

PT1775S - 997-3408-00

17" rugged SAW design. Great fit for customer facing kiosks in small spaces – countertops & checkouts.

PT1710MX - 997-3349-00

An alternative to the PT1745R. May be used with DC power for mobile use. Perfect for inventory control.

PT1911MX - 997-3987-00

Durable 19" capacitive design, durable and easy to clean. Ideal for tabletop gaming or casino kiosk.

PT1945R - 997-5971-00

19" form factor, very accurate, rugged design, supports any touch input. Perfect for special needs & library.