

ProfileTouch 4S

Speed and Accuracy

The ProfileTouch 4S is NextWindow's highest-performing multi-touch solution, delivering improved handwriting reliability and consistency at any location on the screen. Two users may interact with the screen at the same time with precision and speed making this product ideal for classrooms, boardrooms and other multi-user settings.

Designed for large-format display applications, the ProfileTouch 4S is available in sizes up to 72". It incorporates four optical cameras, enhancing speed, usability and accuracy. The ProfileTouch 4S features narrow borders and a low-profile height resulting in an elegant design. The kit uses very few components including a passive illumination system around the perimeter of the touch screen which improves reliability and simplifies assembly.

This kit is also available as a fully-assembled touch screen with glass, in sizes up to 55". Customers also have the flexibility of landscape or portrait orientation with the ProfileTouch 4S.

Features

- > Sizes: 32" to 72"
- > Multi-Touch
- > Dual User Writing Capability
- > Touch with Any Object, Zero Pressure
- > USB Powered, Plug-and-Play
- > Designed for High-volume Manufacturers
- > Landscape and Portrait Orientation
- > Supports Windows 7 Multi-touch, Vista, XP, Mac OS and Linux

Applications

- > Digital Retail Signage
- > Directory and Wayfinding
- > Kiosks
- > Interactive Education



ProfileTouch 4S Specifications

Available Size: 32" to 72"

Glass: Kit Option: Kit option: 3-5mm tempered glass (size-dependent) if supplied by customer.

On Glass Option: NextWindow-supplied 4mm tempered glass for 32" to 47"; 5mm, 52" and 55"

Touch Technology: NextWindow optical imaging

Touch Method: Finger, gloved hand or any other infrared-opaque pointer

Touch Activation Force: No pressure required

Number of Touch Points: Two

USB Reported Touch Resolution: 32,767 x 32,767

Touch Accuracy: ± 3.0 mm over 100% of the touch-sensitive area (for 55")

Touch Functions: Mouse (click, drag, double-click, right-click) on all operating systems listed below; Touch digitizer (mouse plus flick and visual feedback) on Windows 7 and Vista; Multi-touch gestures on Windows 7; Multi-touch on Linux (two touches) with driver

Operating Systems: Windows 7, Vista and XP (32- and 64-bit); Mac OS X (10.4 and above); Linux (2.6x and above)

Calibration: Once-only, four-point calibration with no drift

Interface: USB 2.0 (full speed), USB Powered and Plug-and-Play

Controller Firmware: Field-upgradable

Controller Board Dimensions: 65 mm x 36 mm x 5 mm

Touch-Screen Orientation: All sizes 32" to 72" can be setup landscape and portrait orientation

Touch-Screen Profile: Height of optical sensors and passive border above surface of glass substrate: 6 mm, landscape and portrait (32" to 47") 10 mm, landscape and portrait (52" to 72")

Touch-Screen Border: 12 mm

Substrate and Mounting Flatness: ± 2 mm Maximum

Touch Durability: Unlimited

Luminous Transmission: 88-89% typical with clear glass (no special surface coatings)

Environment: Operating temperature: 0°C to 50°C

Storage Temperature: -30°C to 65°C

Operating and Storage Humidity: 10% to 90% RH, non-condensing

Product Options: The touch solution can be supplied as a kit of components (optical sensors, passive border and controller) ready to be assembled on a glass substrate, or a fully assembled touch screen including glass in sizes up to 55"

Warranty: 2-year limited warranty

Specifications subject to change without notice



nextwindow.com
sales@nextwindow.com

New Zealand, United States,
Korea, Japan, Singapore, Taiwan

