

# ProfileTouch 2150

## Wide Size Range

The NextWindow ProfileTouch 2150 converts large-format LCD, plasma and projection displays into high-performance, multi-touch screens. The ProfileTouch 2150 is USB plug-and-play compatible and supports common multi-touch gestures such as zoom, pan and rotate. This product fits screens from 30" to 120", available in landscape or portrait orientation. Its design offers unmatched flexibility for integrators and interactive designers.

NextWindow's optical touch screen technology delivers superior quality, reliability and durability in high-traffic consumer installations. Easily activate touch by using any object beyond a finger including pens, cards or even a feather.

Resellers and integrators rely on the ProfileTouch 2150 as a key ingredient in the production of innovative applications in a variety of industries including education, entertainment, retail, government and hospitality. The solution is ideal for directories, kiosks and digital signage.

### Features

- > Sizes: 30" to 120"
- > Multi-Touch
- > Ease of Integration
- > Touch with Any Object, Zero Pressure
- > One-Time Calibration
- > USB Powered, Plug-and-Play
- > Landscape or Portrait Orientation
- > Supports Windows 7 Multi-touch, Vista, XP, Mac OS and Linux

### Applications

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



# ProfileTouch 2150 Specifications

**Available Size:** Standard: 30" to 65," custom: up to 120"

**Glass Kit option:** 4 mm or 6 mm tempered glass (recommended)

**Touch Technology:** NextWindow optical imaging  
(no special surface coatings)

**Touch Method:** Finger, gloved hand or any other pointer.  
Stylus minimum diameter 6 mm (for 40" screen)

**Touch Activation Force:** No pressure required

**Number of Touch Points:** Two

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

**Touch Accuracy:** ± 4 mm (for 40" screen) over 90% of the  
touch sensitive area

**Operating Systems:** Windows 2000, XP, Vista, Windows 7  
(multi-touch requires driver), Mac OS X, and Linux  
(requires evtouch)

**Calibration:** Four-point driverless calibration  
(requires no software), automatic landscape/portrait  
orientation detection. Windows utility available for setup and  
configuration. Mac utility provided for calibration only.

**Interface:** USB 1.1 (full speed), USB Powered,  
Plug-and-Play compatible

**Touch-Screen Orientation:** Landscape and Portrait

**Touch-Screen Profile:** 10mm

**Touch-Screen Border:** 20mm

**Substrate and Mounting Flatness:** ± 2 mm

**Touch Durability:** Unlimited

**Luminous Transmission:** 88-89% typical with clear glass;  
100% with no glass

**Environment: Operating Temperature:** 0°C to 45°C;

**Storage Temperature:** -25°C to 85°C

**Operating Humidity:** 10% to 90% RH, non-condensing;

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

**Product Options:** The touch solution can be supplied as a kit of  
components (camera bar with controller and passive border) ready  
to be assembled on a glass substrate, or a fully assembled touch  
screen including glass in sizes up to 65"

**Warranty:** 2-year parts and labor

**Frame Color:** Standard black anodized

**Construction:** Aluminium, zinc, acrylic, annealed polycarbonate,  
PVC, FR4 fibreglass printed circuit boards and tempered glass

**Touch Response Time:** 9 ms to 22 ms depending on  
configuration, typical response time 14 ms

**Power Supply:** USB from powered hub, enumeration requests  
350 mA

**ESD:** Per EN 61000-4-2 1995: Level 4, contact discharge 8 kV,  
air discharge 15 kV on USB connector pins

**EMC:** EN55022, EN55024, CISPR 22, CISPR 24

**Connection Option:** USB Series A plug and Neltron 4-way  
connector on separate flying leads. Includes a small external  
PCB that provides a hardware calibration button.

**Software:** A driver provides multi-touch support on Windows 7,  
extending the standard plug-and-play capabilities.  
NextWindow Touch+ software provides additional utilities

Specifications subject to change without notice



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