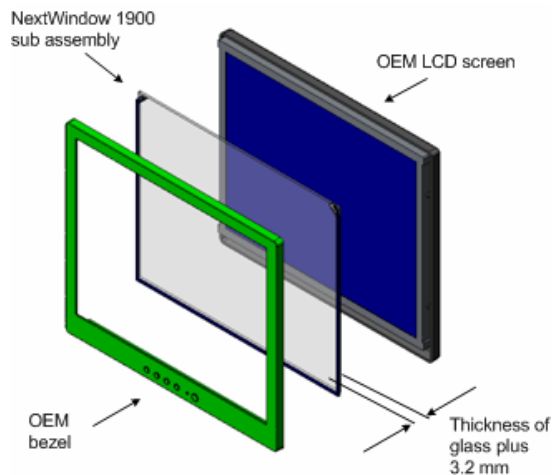


1900 OEM Touch Assembly

USB



Applications

- Ticketing
- Marine
- ATM/POS
- Kiosk
- Gaming
- Medical
- Consumer

NextWindow's 1900 OEM Touch Assembly turns an LCD display into an interactive touch monitor that provides full mouse functionality—click, drag, double-click and right-click. You can control a computer application simply by touching the screen.

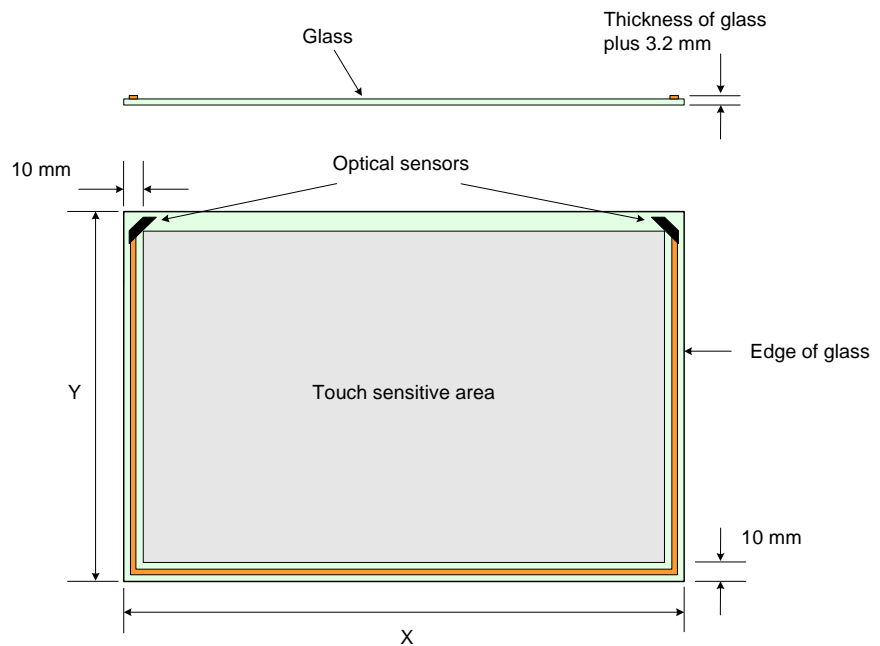
The 1900 uses NextWindow's unique optical imaging technology, which employs clear glass with no special surface coatings and therefore preserves the full clarity of the display image.

The ultra-slim design (3.2 mm plus glass) allows the 1900 to integrate into most manufacturers' flat panel displays from 15" to 32" and provides the following features:

- Accurate, reliable, low-cost touch technology
- Simple integration of touch assembly into OEM bezel
- Easy to connect, HID-compliant USB for power and communications
- Once-only, four-point calibration. No drift
- Light touch—no pressure required
- Any touch method can be used—finger, gloved hand or pointer

1900 OEM Touch Assembly

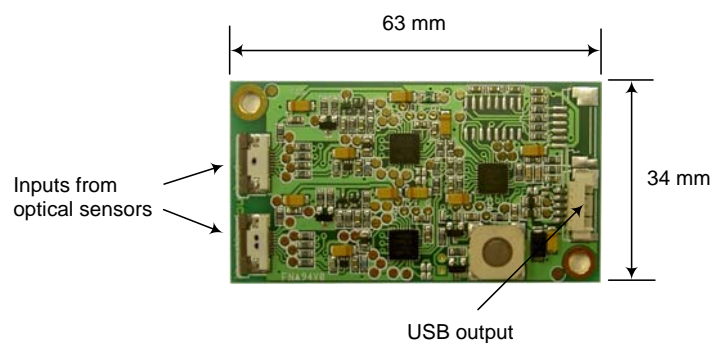
Dimensions



NextWindow 1900 sub-assembly

NextWindow 1900 OEM Touch Assemblies are made to fit particular manufacturers' display screens. The assembly consists of low-profile technology permanently bonded to glass. Some constraints apply in the available dimensions, depending on the aspect ratio.

Note: the above diagram is for illustration only and is not to scale.

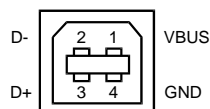


Digital Signal Processor Board

1900 OEM Touch Assembly

Specifications

Dimensions	See the "1900 OEM Touch Assembly - Dimensions" page
Glass	Any thickness or type (typically 3 mm)
Construction	Nylon, polycarbonate, acrylic, PCBs and tempered glass
Luminous transmission	>92% with glass (depending on anti-reflective surface coating)
Aspect ratio	16:9 or 4:3, but can be any rectangular shape
Touch technology	NextWindow Optical Imaging—no special surface coatings
Touch method	Finger, gloved hand, or any other pointer
Touch activation force	No pressure required
Touch accuracy	± 2 mm over 90% of the touch sensitive area USB reported touch resolution 32767 x 32767
Touch durability	Unlimited
Environment	Temperature Operating: 0°C to 55°C Storage: -25°C to 85°C Humidity Operating: 10% to 90% RH, non-condensating Storage: 10% to 90% RH, non-condensating
Power supply	USB powered, 100 mA
Reporting speed	10 ms per coordinate set (max) Typical: 50 Hz or 60 Hz reporting rate
Calibration	Simple four-point driverless calibration. (Requires no software)
ESD	Per EN 6100-4-2 1995: Level 4. Contact discharge 8 kV, air discharge 15 kV on USB connector pins
Interface	USB 1.1 (full speed), HID compliant, plug-and-play compatible
Operating systems	Windows XP, Win 2000, Linux. MAC OSX available for certain models (contact support@nextwindow.com for information).
Software	No software required. Works with Windows native HID mouse driver. NextWindow Touch+ software provides additional utilities.
Weight	Weight depends on size and thickness of glass
Warranty	1 year parts and labour



USB Series B receptacle as specified in section 6.5 of the USB specification, version 1.1

Note: specifications subject to change without notice.



Head Office

NextWindow Ltd
13-15 College Hill Road
Ponsonby
Auckland
New Zealand

Postal Address

PO Box 91383
Auckland Mail Service Centre
Auckland
New Zealand

Phone: +64 9 353 6608
Fax: +64 9 353 6609
Website: www.nextwindow.com

U.S. Headquarters

NextWindow Ltd.
7020 Koll Center Parkway
Suite 138
Pleasanton, CA 94566

Phone: +1 866 870 9733
Fax: +1 408 355 9309
Website: www.nextwindow.com