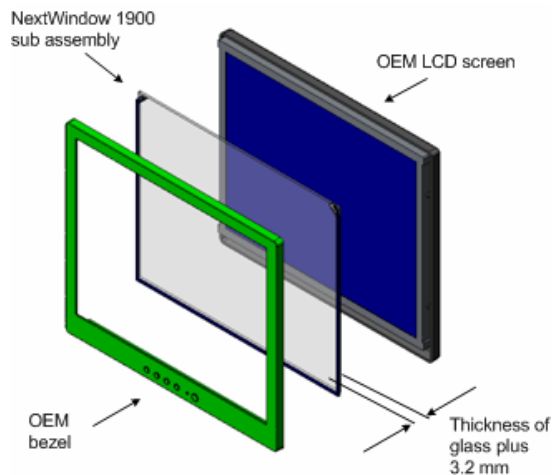


## 1900 OEM Touch Assembly

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.

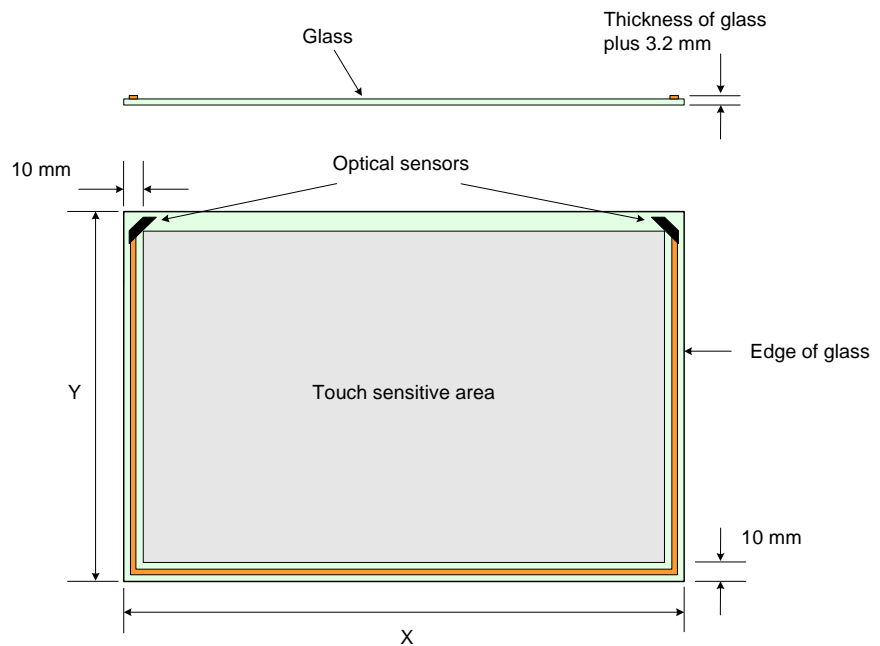
The 1900 uses NextWindow's unique optical imaging technology, which employs clear glass with no special surface coatings and therefore preserves the full clarity of the display image.

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

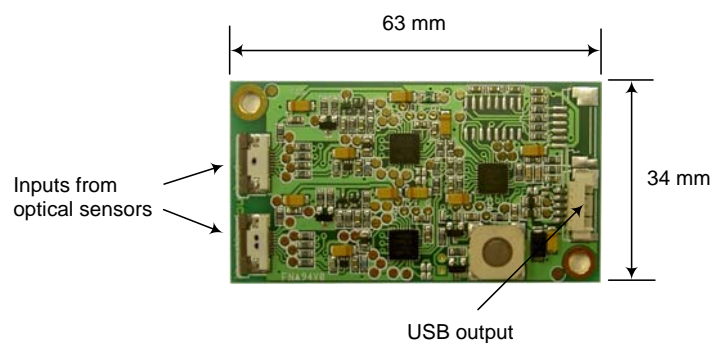
## Dimensions



### 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.

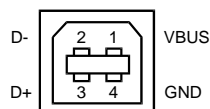


### Digital Signal Processor Board

# 1900 OEM Touch Assembly

## Specifications

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



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