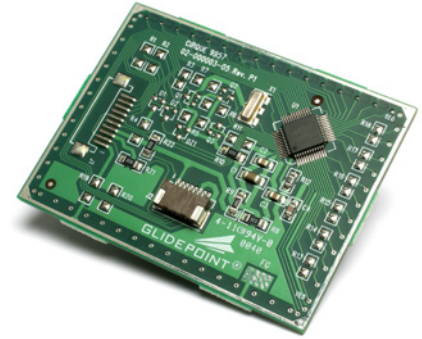


# TSM9957 Touchpad



Our TSM9957 is designed for use as an embedded PS/2® input device. Its dimensions are based upon the industry standard for the notebook computer pointing devices, making it ideal for integration into a wide variety of products where space is constrained. We also offer custom overlays to match your design requirements.

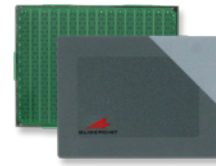


## applications

- Keyboards
- Keypads
- Mouse alternatives
- Industrial control panels
- Medical instruments
- PC peripherals
- Point-of-sale devices
- Laptops

## features

- Industry-standard notebook computer size: 49 x 65 mm
- PS/2 (8-pin FFC connector) compatibility
- Low power consumption
- Easy product integration due to thin, lightweight design
- No maintenance required – Sealable design is immune to moisture, dust and abuse
- Superior navigation and high responsiveness
- Windows®-compatible embedded features mean no additional drivers needed

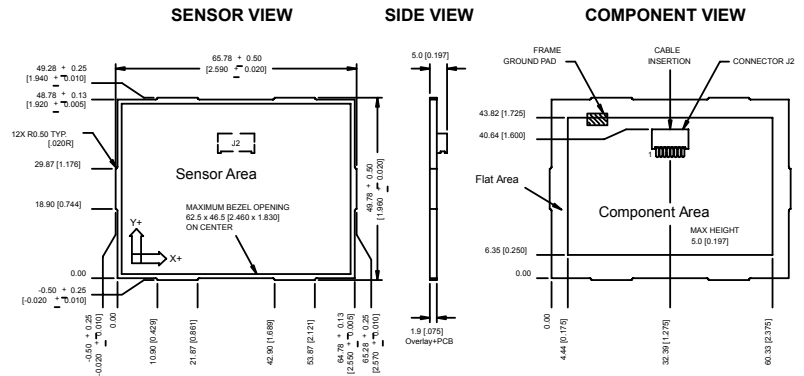


Using our patented GlidePoint® technology, the TSM9957 is immune to moisture, allowing it to function properly even with water droplets present on the touchpad's sensing surface. Power efficiency of any application is improved with an "idle mode," where the touchpad's current draw is reduced when a finger is not touching its surface.

The TSM9957 is fully compatible with standard Windows mouse drivers. No additional driver is required to activate many of its advanced features. Hardware-configurable options on the module allow for taps (function as left-button clicks), corner-taps (function as right-button clicks), vertical scroll (functions as mouse scroll wheel) and more, depending on the specific application. However, for applications requiring greater flexibility, Cirque offers a Windows driver, which allows users to enable and disable advanced features, personalize settings and reprogram buttons.

For custom functionality at the product design stage, we offer software that allows OEMs to enable, disable or personalize advanced settings and/or reprogram the touch sensitive area.

<b>Interface</b> .....	PS/2 with 8-pin FCC connector
<b>Operating Systems</b> .....	Windows 95, 98, 2000, NT, XP
<b>Button Support</b> .....	Three (3) mechanical buttons
<b>Sensor Overlay</b> .....	Standard - part no. 50-49-00 (additional overlays available)
<b>Physical Parameters</b>	
<b>Length</b> .....	48.78 mm (1.920 inches)
<b>Width</b> .....	64.78 mm (2.550 inches)
<b>Thickness</b> .....	5.00 mm (0.197 inches) with all components
<b>Weight</b> .....	< 14 g (< 0.5 ounces)
<b>Active Sensing Area</b> .....	62.50 x 46.50 mm (2.460 x 1.830 inches)
<b>Voltage</b> .....	5v +/- 10%
<b>Current</b> .....	6.6 mA (active), 2.6 mA (idle)
<b>Operating Temperature</b> .....	0 to 60° Celsius
<b>Operating Humidity</b> .....	5% to 100% relative humidity (condensing)
<b>Storage Temperature</b> .....	-40 to 65° Celsius
<b>ESD</b> .....	15kV when properly mounted in bezel
<b>Environmental</b> .....	EMI tolerant and manufactured RoHS compliant
<b>Available Accessories</b> .....	Flatflex PS/2 cable: 38.1 mm (1.5 inches) - part no. 52-01-00 Flatflex PS/2 cable: 50.8 mm (2.0 inches) - part no. 52-01-02 Mounting bracket - part no. PK20-M



Our knowledgeable and helpful sales team is ready to answer all of your questions. Please call toll-free 1-800-GLIDE-75 or [www.cirque.com](http://www.cirque.com).