

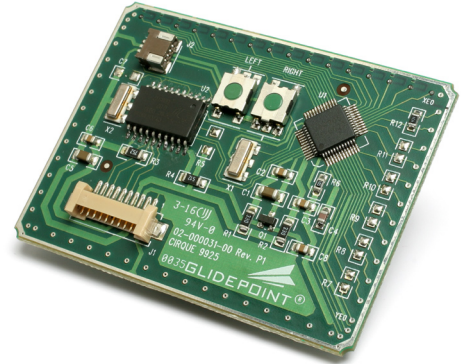
TSM9925 Touchpad



The TSM9925 is an industry standard-sized touchpad designed to utilize the Universal Serial Bus (USB) communications protocol. It also incorporates the standard USB “suspend mode” (a power management feature that greatly reduces power usage whenever the host’s operating systems issues a “System Standby” command). It is ideal for integration into a wide-range of products for navigation and pointing input. We also offer custom overlays to match your design requirements.

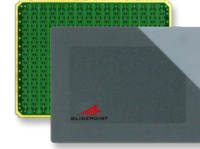
applications

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



features

- Industry-standard laptop size
- USB (10-pin connector) compatibility
- Low power consumption
- Easy product integration due to thin, lightweight design and onboard mechanical buttons
- No maintenance required – Sealable design is immune to moisture, dust and abuse
- Superior navigation and high responsiveness
- Windows®- and Macintosh®-compatible embedded features mean no additional drivers needed



Using our patented GlidePoint® technology, the TSM9925 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 TSM9925 is fully compatible with standard Windows and Macintosh USB 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, we offer 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.

Interface	USB with 10-pin cable connector
Operating Systems	Windows 95, 98, 2000, NT, XP and Macintosh OS
Button Support	Two (2) mechanical buttons
Sensor Overlay	Standard - part no. 50-30-00 (additional overlays available)
Physical Parameters	
Length	65.00 mm (2.560 inches)
Width	49.00 mm (1.930 inches)
Thickness	5.50 mm (0.217 inches) with all components
Weight	< 14 g (< 0.5 ounces)
Active Sensing Area	62.50 x 46.50 mm (2.460 x 1.830 inches)
Voltage	5v +/- 10%
Current	17.0 mA (active), 13 mA (idle), 270 uA (suspend)
Operating Temperature	0 to 60° Celsius
Operating Humidity	5% to 100% relative humidity (condensing)
Storage Temperature	-40 to 65° Celsius
ESD	15kV when properly mounted in bezel
Environmental	EMI tolerant and manufactured RoHS compliant
Available Accessories	USB cable: 183 cm (6 feet) - part no. 52-21-00 Mounting bracket - part no. PK20-M

