

# TMC Touchpad

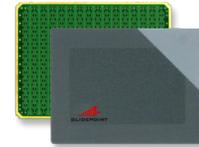
The TSCM Touch is an industry standard-sized touchpad designed to utilize the Universal Serial Bus (USB) communications protocol. It also incorporates the standard USB "suspend mode" (a power management feature that greatly reduces power usage whenever the host's operating systems issues a "System Standby" 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 TMC 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 TMC 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.

<b>Interface</b> .....	USB with 10-pin cable connector
<b>Operating Systems</b> .....	Windows 95, 98, 2000, NT, XP and Macintosh OS
<b>Button Support</b> .....	Two (2) mechanical buttons
<b>Sensor Overlay</b> .....	Standard - part no. 50-30-00 (additional overlays available)
<b>Physical Parameters</b>	
<b>Length</b> .....	65.00 mm (2.560 inches)
<b>Width</b> .....	49.00 mm (1.930 inches)
<b>Thickness</b> .....	5.50 mm (0.217 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> .....	17.0 mA (active), 13 mA (idle), 270 uA (suspend)
<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> .....	USB cable: 183 cm (6 feet) - part no. 52-21-00 Mounting bracket - part no. PK20-M

