

50 MM LASER TRACKBALL UNIT

IP67 sealed



The TBX50B1 trackball is a ruggedized trackball, specially designed for harsh industrial environment applications: the self-adjusting PTFE seal of the trackball guarantees an IP67 protection grade. This laser trackball has a large 50 mm diameter ball, which make this unit the ideal solution for all applications where accurate pointer control is required.

Panel mount (incl. alu carrier plate, electronics and cable)

Intended for front panel mounting into users' cabinet or panel with a minimum of required space and mounting depth. Operation of the trackball is possible at all angles, from horizontal to vertical mounting position. The electronic parts on the backside are protected by a metal cover. A neoprene seal which can be fitted between the carrier and the customers panel, is delivered with each unit.

Dimensions / weight :

GENERAL TECHNICAL SPECIFICATIONS

Sealing	: IP67 static
Ball diameter	: 50,8 mm (2")
Ball material	: polyester
Tracking force	: nom. 50 grams
Keys	: short travel switches, tactile feel switches with 0,3 mm travel and 2,55 N operating force
Front layer	: Black polyester front layer with embossed keys, scratch and chemical resistant
Carrier plate	: aluminium
Lifetime	: >= 2 million ball revolutions
Cable	: shielded, straight 1,6 m long
Operating temperature	: -10°C to +60°C
Storage temperature	: -25°C to +80°C
Switches	: tactile, 1,4mm travel
Output	: PS/2 & USB Combo

CONNECTIVITY

These combo PS/2 & USB trackball units have a 1,6 meter long shielded straight cable ended by a USB type A plug. An adaptor to PS/2 is added. No special device driver is needed, use standard available drivers of your operating system.

* Due to the increasing differences of the PS/2 mouse port specifications of the various PC manufacturers, we do recommend that this unit should be tested on the final PC configuration and operating system prior to installing it in series.

ORDER INFO

PANEL MOUNT
TBX50B1

Output : PS/2 & USB Combo

COMBINATION

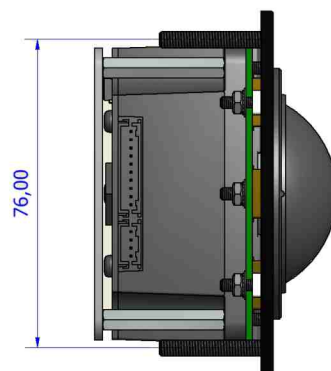
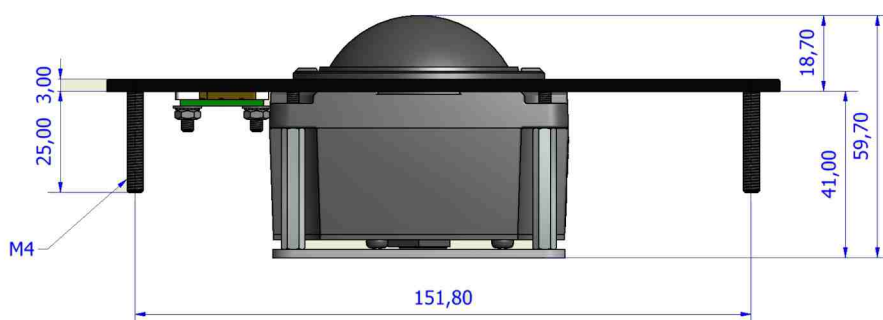
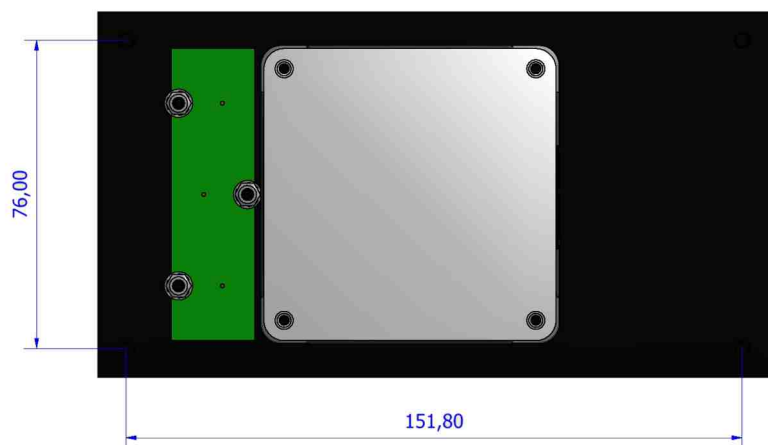
The TBX50B1 trackball is specially designed to use in combination with the NSI standard backlit keyboard KSM103B1x



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DIMENSIONAL DRAWING



Dim. in mm

The company reserves the right to alter without prior knowledge the specification or design of any standard product or service.