

# 38 mm TRACKBALL UNITS

FOR HARSH ENVIRONMENT

Sealing IP65 (static)

The TBM34 series is a ruggedised professional trackball. The unit has been specially designed for harsh industrial environment applications : the **self-adjusting PTFE seal** of the trackerball guarantees an IP65 static (ball in rest) protection grade. Carrier plates and housing are metal (aluminium and steel).

## 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.



TBM34F1  
dim. : 92,5 x 180 x 25 mm  
weight : 0,5 kg



## ENCLOSED

The TBM34S1 is housed in a steel enclosure. Because of its slim line it can directly be placed in 19" drawers or it can be used as a stand alone desktop unit. The "dots" on the front are not functional but contribute to the stylish look of the product.

TBM34S1  
dim. : 106 x 204 x 42 mm  
weight : 1 kg

## • SPECIFICATIONS

Enclosure	: steel, pearl white finish	Shielded cable	: straight 1,6m long
Carrier plate	: aluminium	Protection class	: IP65 static
Ball colour	: black	Operating temperature range	: -10°C to +60°C
Ball diameter	: 38,1mm	Storage temperature range	: -25°C to +65°C
Ball material	: phenolic resin	CE	: compliant to EMC Directive 89/336/EEC for Electromagnetic Compatibility Low Voltage Directive 73/23/EEC not applicable for our trackballs.
Resolution	: 241 pulses per ball revolution		
Tracking force	: nom. 50 grams		
Lifetime	: > 2 million ball revolutions		
Switches	: tactile, 1,4mm travel		

## • CONNECTIVITY

These combo PS/2 & USB trackball units have a 1,6 meter long shielded straight cable ended by a PS/2 plug. An adaptor to USB type A 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.*

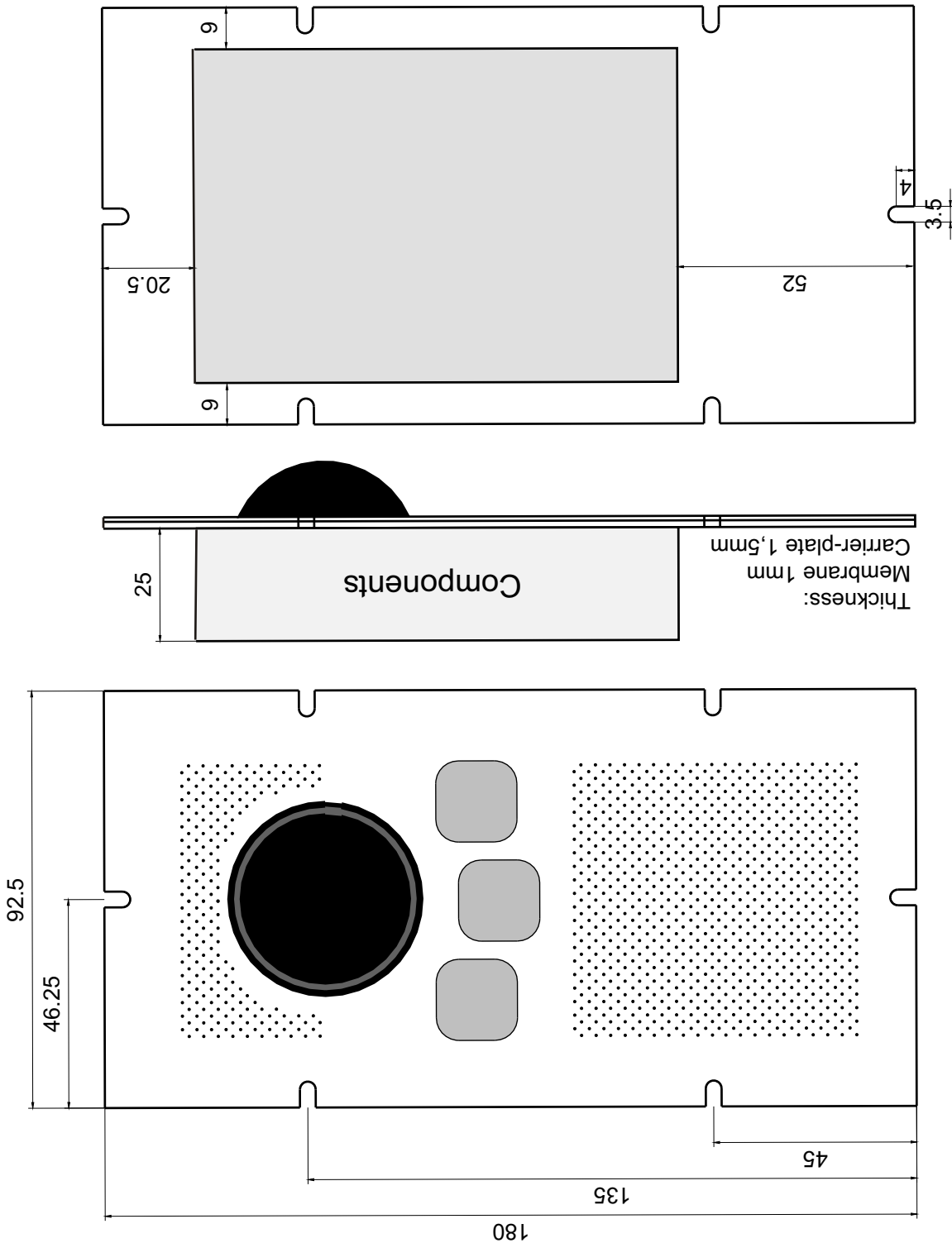
## • ORDERING INFO

Panel mount	Enclosed
<b>TBM34N1</b>	<b>TBM34S1</b>

Output : PS/2 & USB Combo

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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.



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