



desktop version



panel mount

- 103 keys, short travel
- IP67 sealing
- ergonomic 50mm trackball

## BACKLIT KEYBOARD WITH ERGONOMIC TRACKBALL

Multi-functional keyboard with separate numerical and control keys, complemented by an integrated ergonomic 50mm optical trackball. This keyboard offers unparalleled convenience and precision for a wide range of applications. A perfect synergy of advanced technology and ergonomic design. Panel mount and desktop version available.

### MAIN FEATURES

- Sealing to IP67
- User-friendly layout with separate numerical-, control- and function keypad
- Long-lasting low power LED's with high brightness
- Dimmable backlighting at 8 levels by two dedicated keys (FN key + arrow up/down)
- Intelligent luminosity setting of "numlock" and "capslock" LED's
- Trackball with left, middle and right switch functionality
- Integrated IP68 hall-effect scroll wheel
- Infra-red optical navigation technology
- Removable 55mm ball for easy cleaning
- No external power supply necessary
- No special driver required

### PANEL MOUNT VERSION

- Black anodised aluminium carrier
- Front panel mounting by means of M4 threaded studs.
- The rear side components are protected by a covering metal plate
- Dimensions: 214 x 544 x 30/64 mm
- Weight: 1,7 kg

### DESKTOP VERSION

- The keyboard is mounted in a robust, all steel enclosure
- Industrial epoxy coating (mid-grey).
- Dimensions: 217x 547 x 63/122 mm
- Weight: 3,2 kg

### GENERAL TECHNICAL SPECIFICATIONS

#### KEYBOARD

Sealing  
Keys

Output  
Power requirements  
Operating temp.  
Front layer

#### TRACKBALL

Housing material  
Housing colour/finish  
Base plate finish  
Ball size/material  
Tracking force

Ball load

Resolvable ball speed  
Tracking engine  
Removable ring

#### SCROLL WHEEL

Wheel diameter  
Wheel material  
Wheel colour  
Encoding technology  
Detent-scrolling force

#### LEFT/RIGHT SWITCH

Switch actuation force

IP67 sealed  
103 short travel switches, tactile feel switches with 0,3 mm travel and 2,55 N operating force  
2 USB cables 1,8m type A connector  
Directly from USB port  
-15°C to +70°C  
Black polyester front layer with embossed keys, scratch and chemical resistant

PC/ABS  
Black/fine-textured finish  
Bead blasted & clear anodised  
Ø50.81mm (2")/Epoxy resin  
20 grams nominal – damper ring seal  
30-80 grams – PTFE seal  
200N (20Kg) maximum downward pressure for 2 minutes @ 20°C  
30 IPS (inches per second)  
Infra-red optical navigation technology  
Bayonet style locking ring/black

Ø25mm  
PC/ABS  
Grey  
Hall effect  
30 grams nominal

250 ± 100 grams force

### ORDER INFO

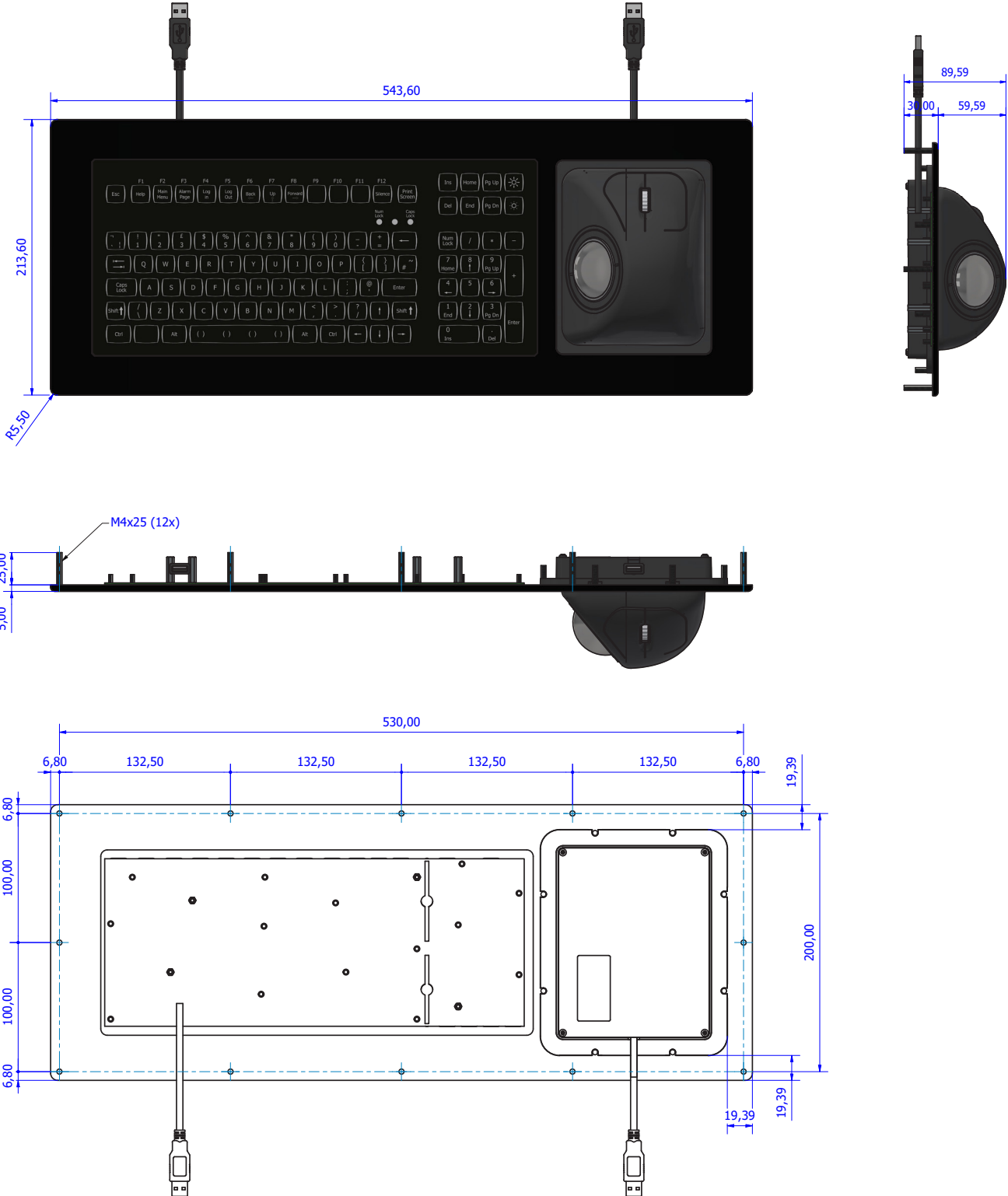
COUNTRY LAYOUT	PANEL MOUNT	DESKTOP VERSION
US Qwerty	KSME103B1USB-WLED	KSME103S1USB-WLED
Cyrillic Qwerty	KSME103B7USB-WLED	KSME103S7USB-WLED
French Azerty	KSME103B33USB-WLED	KSME103S33USB-WLED
UK Qwerty	KSME103B44USB-WLED	KSME103S44USB-WLED
Dannish Qwerty	KSME103B45USB-WLED	KSME103S45USB-WLED
Swedish Qwerty	KSME103B46USB-WLED	KSME103S46USB-WLED
German Qwertz	KSME103B49USB-WLED	KSME103S49USB-WLED
Korean Qwerty	KSME103B82USB-WLED	KSME103S82USB-WLED
Turkish Qwerty	KSME103B90USB-WLED	KSME103S90USB-WLED

USB output  
White backlighting as standard, other colours on request

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

**DIMENSIONAL DRAWING**

**PANEL MOUNT**



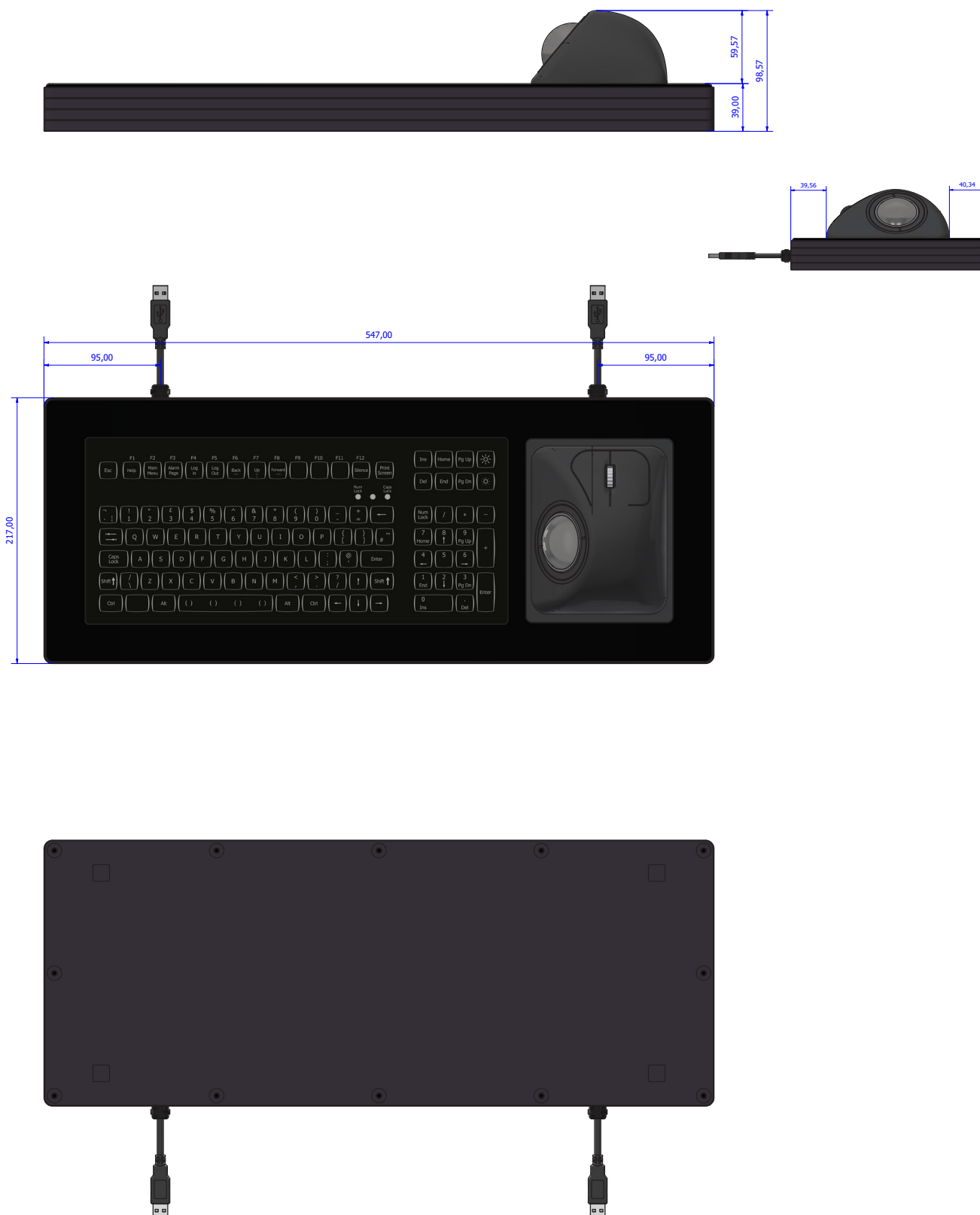
**COLOURS**

- Keyboard & Key Background: Pantone Black 2 C 2X
- Key edges & key legends: White Translucent

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**DIMENSIONAL DRAWING**

**DESKTOP VERSION**



**COLOURS**

- Keyboard & Key Background: Pantone Black 2 C 2X
- Key edges & key legends: White Translucent

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