



enclosed



panel mount

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

BACKLIT KEYBOARD WITH ERGONOMIC TRACKBALL

Keyboard with trackball for the most demanding jobs. This 103 key backlit keyboard has a multi-functional layout with separate numerical- and control keypads and integrates a waterproof IP68 sealed ergonomic trackball with scroll wheel.

MAIN FEATURES

- Sealing to IP67
- User-friendly layout with separate numerical-, control- and function keypads
- USB connection
- 50 mm waterproof ergonomic trackball with hall-effect scroll wheel
- Removable ball for easy cleaning
- Integrated left, middle and right switch functionality
- High brightness LED's with fibre optic technology
- Low power LED's warrant for a long life
- No external power supply necessary, keyboard port power sufficient
- Dimmable white backlighting at 8 levels by two dedicated keys
- Customized backlight control by an external DC voltage, PWM signal or potentiometer is available on request

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 / weight : 214 x 544 x 30/64 mm / 1,7 kg

Desktop version

- Robust, high impact polystyrene (HIPS) enclosure
- Dimensions / weight : 217 x 547 x 63/122 mm / 3,2 kg

CONNECTIVITY

Two 1,6 meter shielded USB cables

GENERAL TECHNICAL SPECIFICATIONS

KEYBOARD

Sealing
Keys

IP67 sealed

103 short travel switches, tactile feel switches with 0,3 mm travel and 2,55 N operating force

Output

1.6 m shielded USB cables

Power requirements

Directly from USB port

Operating temp.

-15°C to +60°C

Front layer

Black polyester front layer with embossed keys, scratch and chemical resistant

TRACKBALL MODULE

Ball diameter

Ø50.8mm (2")

Ball material

Epoxy resin, metallic grey

Tracking force

30-80 grams – PTFE seal

Ball load

200N (20Kg) maximum downward pressure for 2 minutes @ 20°C

Resolvable ball speed

30 IPS (inches per second)

Tracking engine

Infra-red optical navigation technology

Removable ring style/colour

Bayonet style locking ring/black

SCROLL WHEEL

Wheel diameter

Ø25mm

Wheel material & colour

PC/ABS, grey

Encoding technology

Hall effect

Detent-scrolling force

30 grams nominal

MOUSE BUTTONS

Switch actuation force

150 ± 50 grams force

ORDER INFO

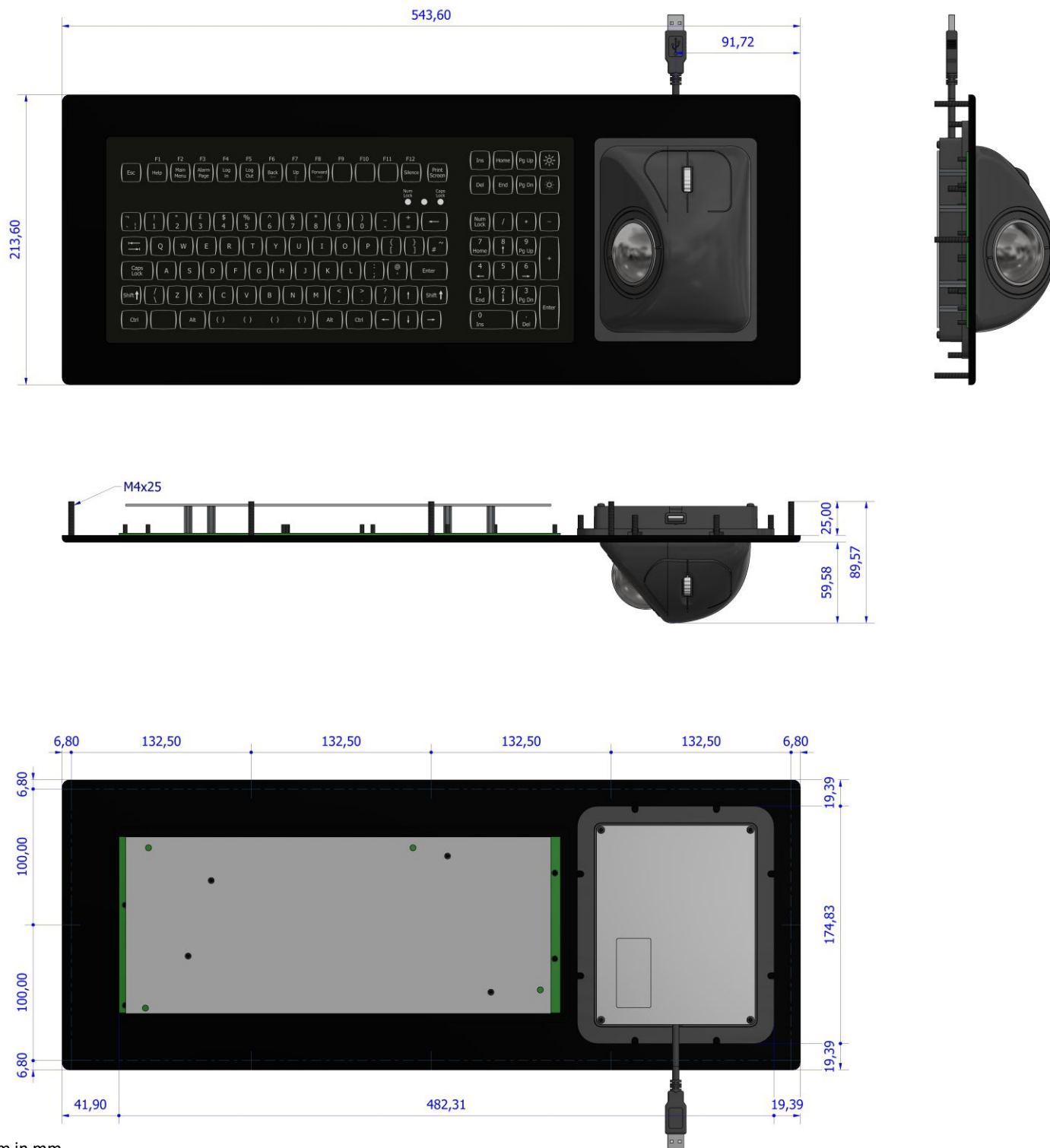
COUNTRY LAYOUT	PANEL MOUNT	DESKTOP
US Qwerty	KSME103B1USB-WLED	KSME103S1USB-WLED
Cyrillic Russian	KSME103B7USB-WLED	KSME103S7USB-WLED
French Azerty	KSME103B33USB-WLED	KSME103S33USB-WLED
UK United Kingdom	KSME103B44USB-WLED	KSME103S44USB-WLED
Danish	KSME103B45USB-WLED	KSME103S45USB-WLED
Swedish	KSME103B46USB-WLED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

White backlighting as standard, other colours on request

USB output

DIMENSIONAL DRAWING

Panel mount version



Dim in mm.

COLOURS

Keyboard & Key Background : PANTONE Black 2 C 2X

Key edges & key legends : white Translucent

DIMENSIONAL DRAWING

Desktop version



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Keyboard & Key Background : PANTONE Black 2 C 2X

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