



panel mount with bezel



desktop version



panel mount



- 106 keys, short travel
- IP67 sealing
- 50mm waterproof trackball

## IEC60945 MARINE / WATERPROOF / ECS KEYBOARD

This 106 key backlit keyboard has a multi-functional layout with separate numerical- and control keypads and integrates a large 50 mm optical trackball with removable ball. It has a long life, low power LED backlighting using fiber optics techniques. Panel mount, panel mount with bezel and desktop version available.

### MAIN FEATURES

- Certificate of Conformity fully compliant with IEC60945
- User-friendly layout with separate numerical-, control- and function keypads
- Removable 50 mm optical trackball for easy cleaning
- High brightness LED's with fibre optics
- Dimmable backlighting at 8 levels by two dedicated keys
- Intelligent luminosity setting of "numlock" and "capslock" LED's
- No external power supply necessary, keyboard port power sufficient
- Illumination of the key legends and contour, the trackball contour and even customer logo's or trademarks
- Low power LED's warrant for a long life
- White backlighting as standard, other colours on request
- Customized backlight control by an external DC voltage, PWM signal or potentiometer is available on request

### PANEL MOUNT VERSION

- Aluminium carrier
- Front panel mounting by means of M3 threaded studs
- Added silicon sponge seal for perfect sealing into the user's panel
- The rear side components are protected by a covering metal plate
- When the keyboard cannot be sunk mounted, we recommend the bezel version for edge protection
- Dimensions with bezel: 447,5 x 167,5 x 60,20 mm - weight: 1,3 kg
- Dimensions without bezel: 432,4 x 152,4 x 60,20 mm - weight: 1,2 kg

### DESKTOP VERSION

- The keyboard is mounted in a robust, all steel enclosure
- Industrial epoxy coating (mid-grey).
- Dimensions: 475 x 211 x 60,9 mm
- Weight: 3,5 kg

### GENERAL TECHNICAL SPECIFICATIONS

#### KEYBOARD

Sealing  
Keys

IP67 sealed

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

Pointing device

50 mm optical trackball, grey ball

Output

1,8m USB cables type A connector

Power requirements

Directly from USB port

Operating temp.

-15°C to +70°C

Front layer

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

#### CUSTOMIZATION

Possible customization includes adapted backlighting controls, addition of company logo or specific function keys, different layouts, different colour. All this without having to reapply for certification.



### ORDER INFO

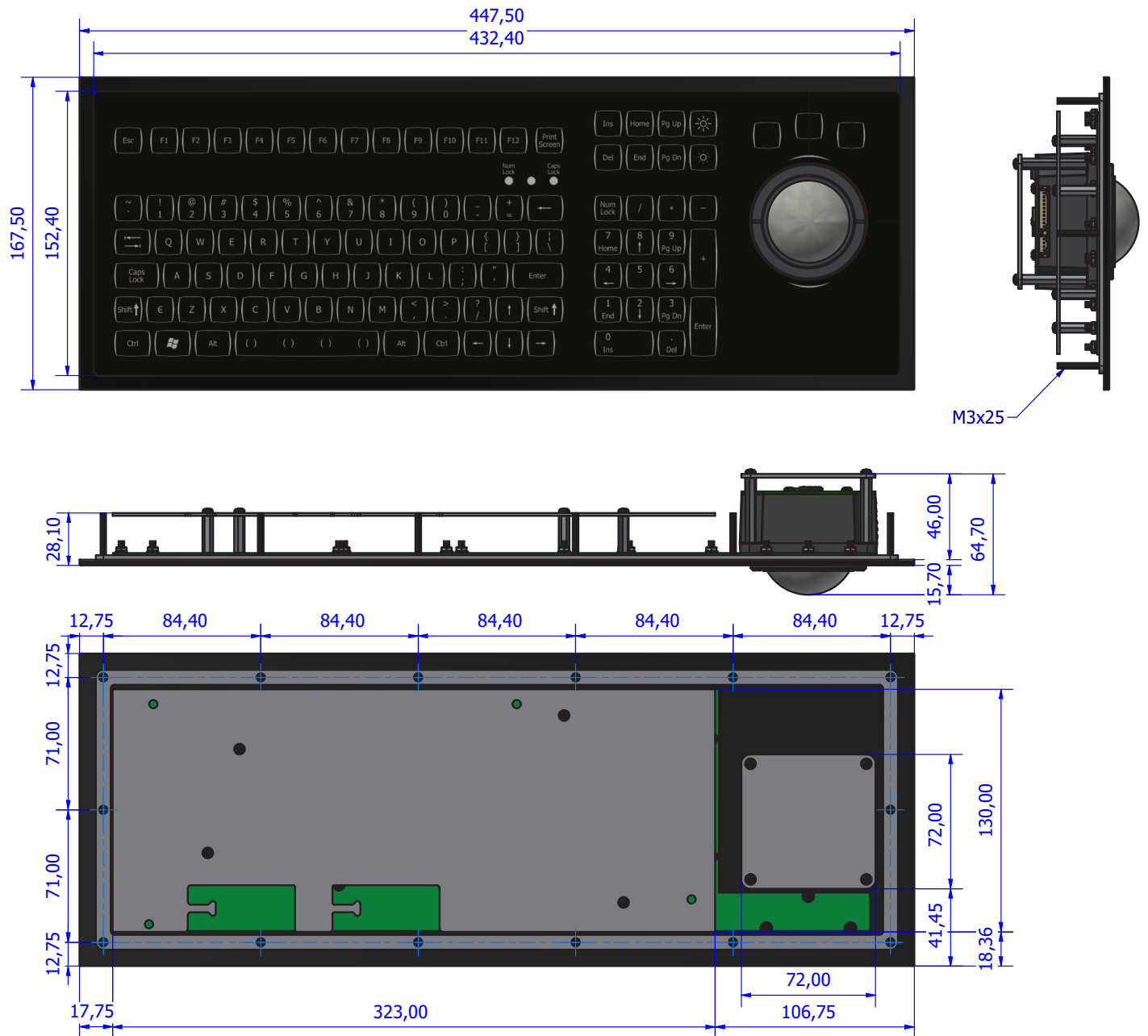
COUNTRY LAYOUT	PANEL MOUNT WITH BEZEL	PANEL MOUNT	DEKSTOP VERSION
US Qwerty	KSMX106B0001-W-MC1	KSMX106F0001-W-MC1	KSMX106S0001-W-MC1
Cyrillic Qwerty	KSMX106B0007-W-MC1	KSMX106F0007-W-MC1	KSMX106S0007-W-MC1
Italian Qwerty	KSMX106B0039-W-MC1	KSMX106F0039-W-MC1	KSMX106S0039-W-MC1
UK Qwerty	KSMX106B0044-W-MC1	KSMX106F0044-W-MC1	KSMX106S0044-W-MC1
Danish Qwerty	KSMX106B0045-W-MC1	KSMX106F0045-W-MC1	KSMX106S0045-W-MC1
Swedish Qwerty	KSMX106B0046-W-MC1	KSMX106F0046-W-MC1	KSMX106S0046-W-MC1
German Qwertz	KSMX106B0049W-MC1	KSMX106F0049-W-MC1	KSMX106S0049-W-MC1
Turkish Qwerty	KSMX106B0090-W-MC1	KSMX106F0090-W-MC1	KSMX106S0090-W-MC1

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 WITH BEZEL**



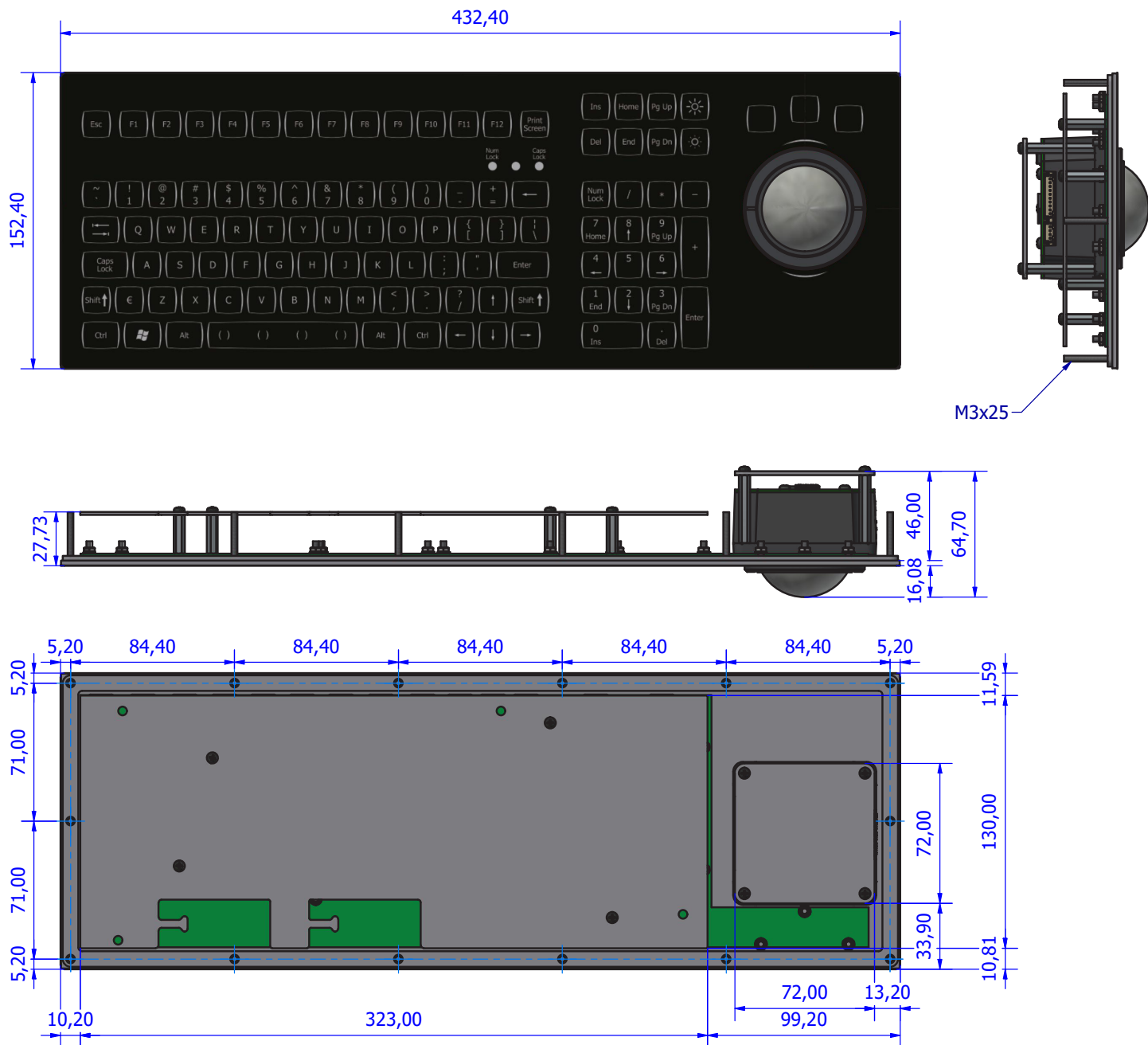
**COLOURS**

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

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DIMENSIONAL DRAWING

PANEL MOUNT

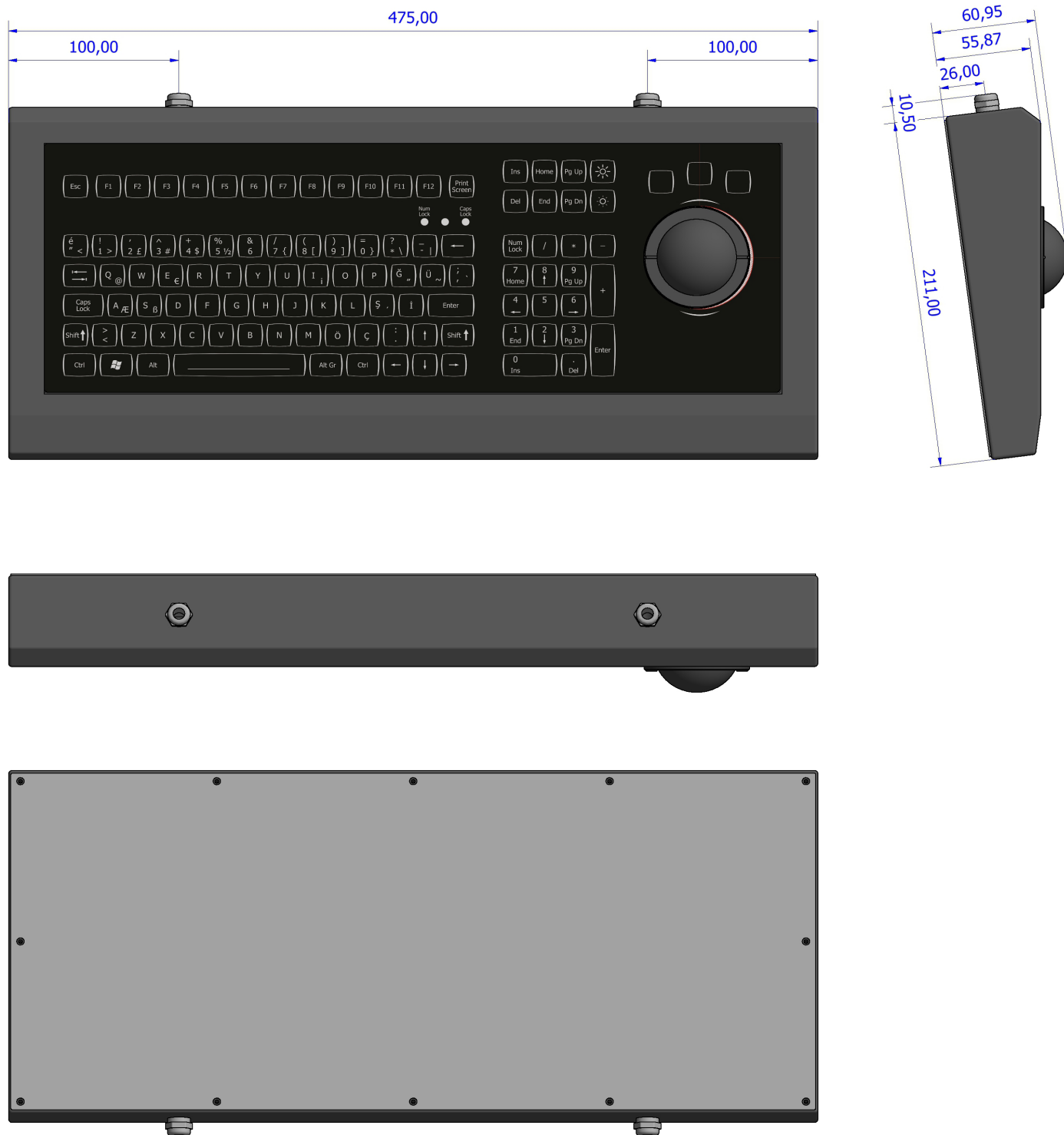


COLOURS

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- Key edges & key legends: White Translucent

**DIMENSIONAL DRAWING**

**DESKTOP**



**COLOURS**

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- Key edges & key legends: White Translucent

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