106 KEY LED BACKLIT KEYBOARD WITH 50mm LASER TRACKBALL - IEC 60945

Fully compliant with IEC 60945 - IP67 sealing

DURALIGHT

IP67   **50mm**   **LED**

This „Duralight" 106 key backlit keyboard is approved for use with Solas Marine applications (f.i ECDIS). The keyboard has a multi-functional layout with separate numerical- and control keypads and integrates a large 50mm laser optical trackball.

MAIN FEATURES

- Certificate of Conformity fully compliant with IEC60945
- User-friendly layout with separate numerical-, control- and function keypads
- High brightness LED's with fibre optics
- 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
- No external power supply necessary, keyboard port power sufficient
- Dimmable backlighting at 8 levels by two dedicated keys
- Intelligent luminosity setting of "numlock" and capslock" LED's
- 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 and silicone sponge panel sealing
- 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
- Version with edge protection : In case the keyboard can not be sunk mounted we recommend the bezel for edge protection
- Dimensions / weight :
    version with bezel 447,5 x 167,5 x 45 mm / 1,3 kg
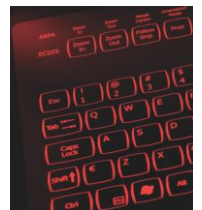   version without bezel : 432 x 152 x 45 mm / 1,2 kg

Enclosed version :
- The keyboard is mounted in a robust, steel enclosure
- Industrial epoxy coating (mid-grey)
- Dimensions / weight : 475 x 211 x 73 mm / 3,5 kg

GENERAL TECHNICAL SPECIFICATIONS

Sealing	: IP67 sealed
Keys	: 106 short travel switches, tactile feel switches with 0,3 mm travel and 2,55 N operating force
Pointing Device	: 50 mm trackball, black epoxy resin ball
Output	: 1.8m shielded USB cable
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
Compass safe distance	: 0.55 m

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

LAYOUT	PANEL MOUNT WITH BEZEL	PANEL MOUNT	ENCLOSED
US Qwerty	**KSMX106 B0001-W-MC1**	**KSMX106 F0001-W-MC1**	**KSMX106 S0001-W-MC1**
RU Cyrillic	**KSMX106 B0007-W-MC1**	**KSMX106 F0007-W-MC1**	**KSMX106 S0007-W-MC1**
GE German Qwertz	**KSMX106 B0049-W-MC1**	**KSMX106 F0049-W-MC1**	**KSMX106 S0049-W-MC1**

KSMX106 B   KSMX106 F   KSMX106 S
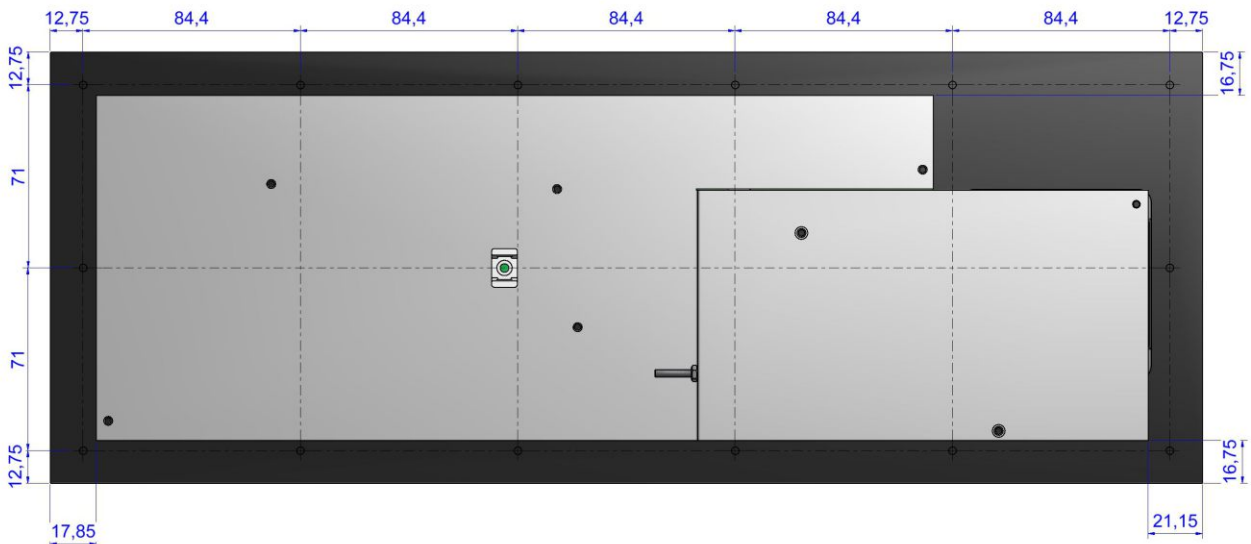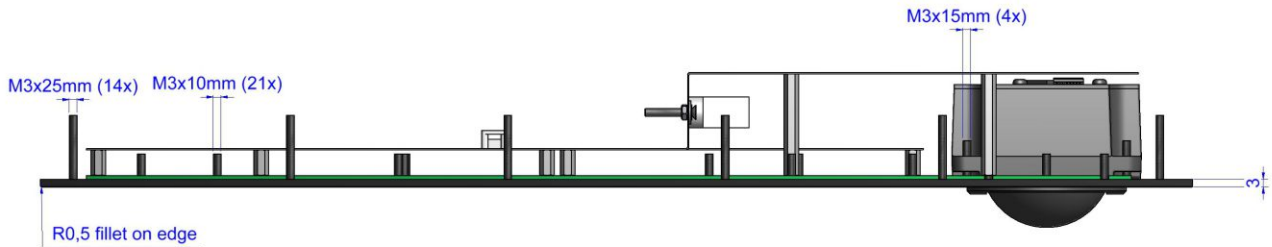
VER. 1.0

DIMENSIONAL DRAWING

panel mount version with edge protection bezel

COLOURS
Keyboard & Key Background : PANTONE Black 2 C 2X
Key edges & key legends : white Translucent
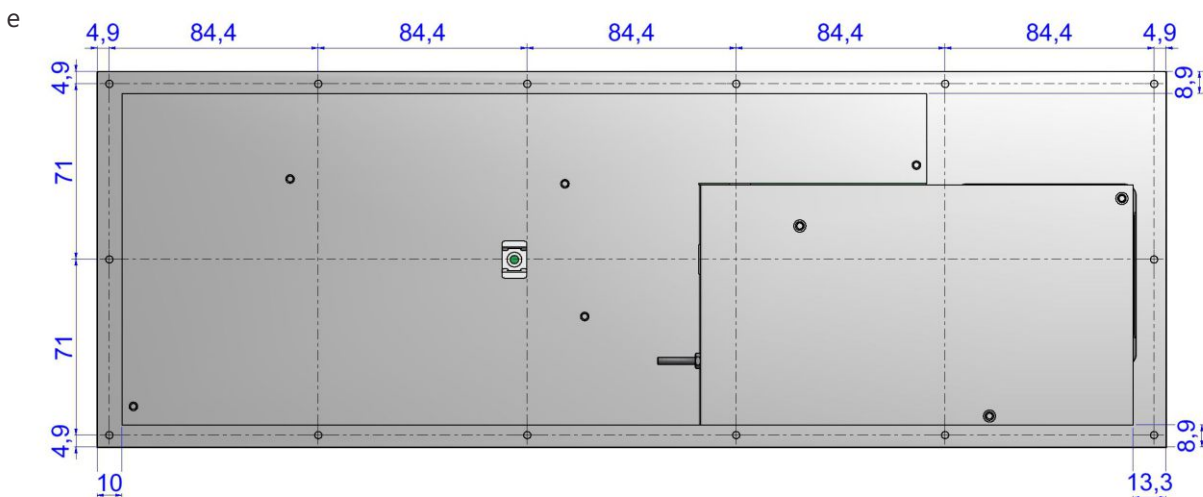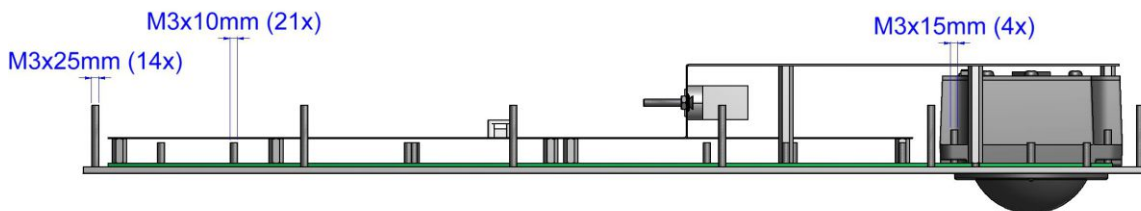
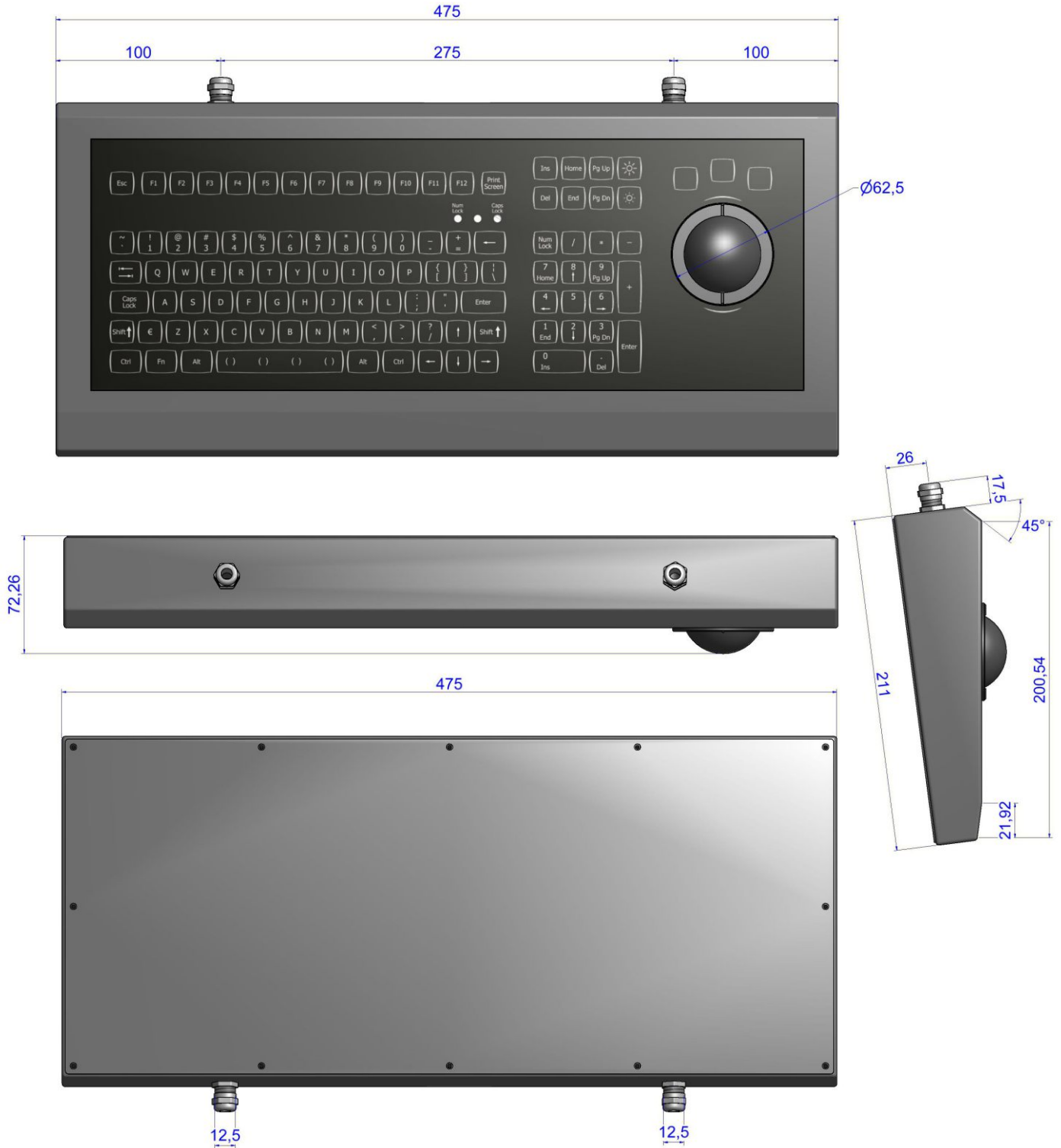VER. 1.0

DIMENSIONAL DRAWING

panel mount version without bezel

COLOURS
Keyboard & Key Background : PANTONE Black 2 C 2X
Key edges & key legends : white Translucent

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

VER. 1.0

DIMENSIONAL DRAWING

enclosed version

COLOURS
Keyboard & Key Background : PANTONE Black 2 C 2X
Key edges & key legends : white translucent

VER. 1.0