



Panel mount with bezel



Panel mount



Desktop

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

LED BACKLIT WATERPROOF KEYBOARD

This 106 key backlit keyboard has a multi-functional layout with separate numerical- and control keypads and integrates a large 50mm optical trackball.

MAIN FEATURES

- User-friendly layout with separate numerical-, control- and function keypads
- Removable ball for easy cleaning
- High brightness LED's with fibre optics
- Illumination of the key legends and contour, the trackball contour and even customer logo's or trademarks (optional)
- 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
- 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 bezel : In case the keyboard can not be counter sunk mounted we recommend this version
- Dimensions / weight :
version with bezel : 447,5 x 167,5 x 50 mm / 1,3 kg
version without bezel : 432 x 152 x 50 mm / 1,2 kg

Desktop 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 optical trackball, grey ball |
| Output | : USB or PS/2 |
| Power requirements | : Directly from USB or PS/2 port |
| Operating temp. | : -15°C to +60°C |
| Front layer | : Black polyester front layer with embossed keys, scratch and chemical resistant |

CONNECTIVITY

The PS/2 keyboards are supplied with two 1,6 m long shielded straight cable ended with 6 pin mini DIN plugs. The USB versions are supplied with one 1,8 m long shielded straight cable ended by a USB type A connector.

** Due to the increasing differences of 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.*

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

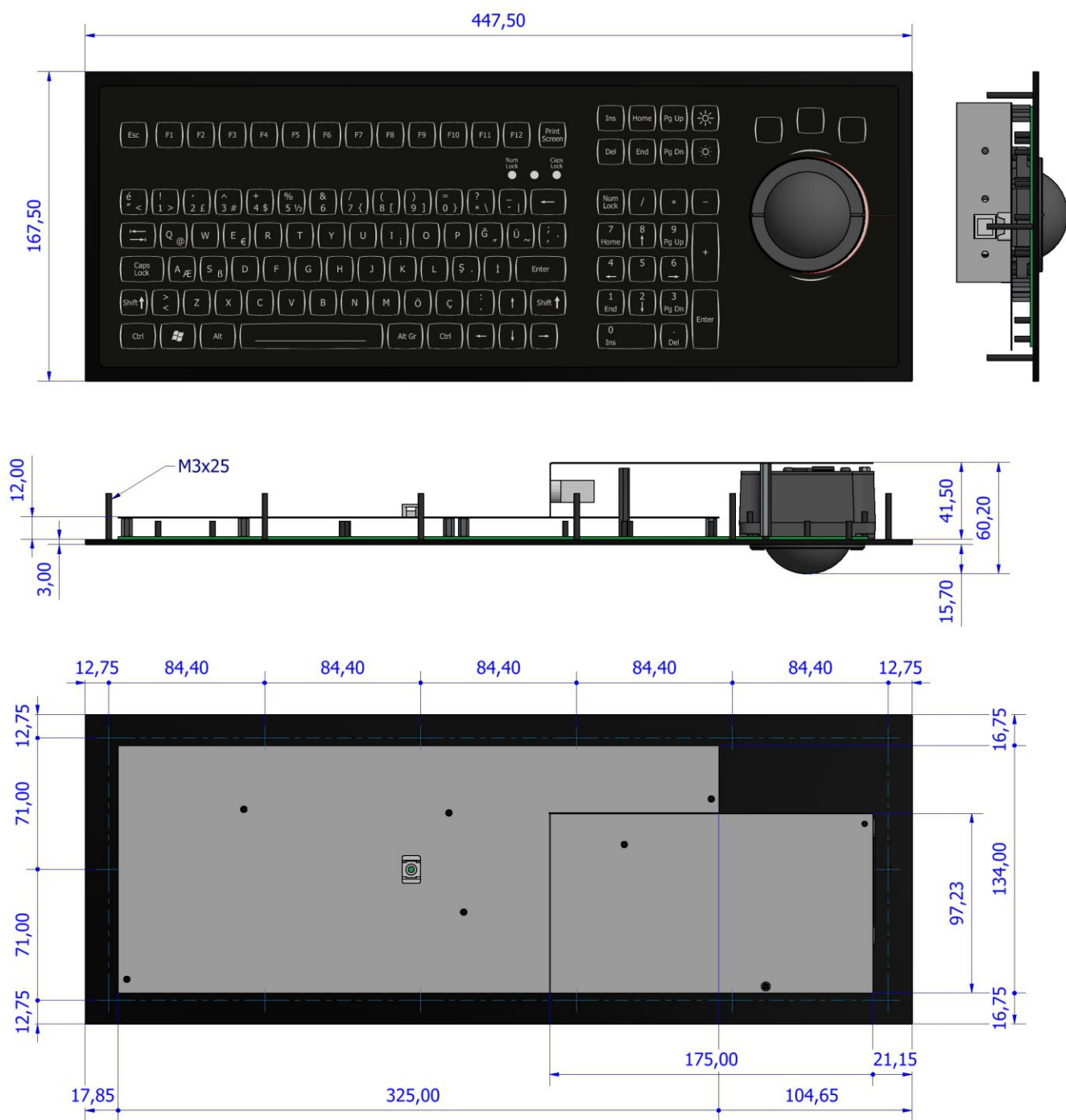
| COUNTRY LAYOUT | PANEL MOUNT WITH BEZEL | PANEL MOUNT | DESKTOP |
|-------------------------|---------------------------|---------------------------|---------------------------|
| US Qwerty | KSMX106B1xxx-WLED | KSMX106F1xxx-WLED | KSMX106S1xxx-WLED |
| Cyrillic Russian Qwerty | KSMX106B7xxx-WLED | KSMX106F7xxx-WLED | KSMX106S7xxx-WLED |
| UK Qwerty | KSMX106B44xxx-WLED | KSMX106F44xxx-WLED | KSMX106S44xxx-WLED |
| Danish Qwerty | KSMX106B45xxx-WLED | KSMX106F45xxx-WLED | KSMX106S45xxx-WLED |
| Swedish Qwerty | KSMX106B46xxx-WLED | KSMX106F46xxx-WLED | KSMX106S46xxx-WLED |
| German Qwertz | KSMX106B49xxx-WLED | KSMX106F49xxx-WLED | KSMX106S49xxx-WLED |
| Turkish Qwerty | KSMX106B90xxx-WLED | KSMX106F90xxx-WLED | KSMX106S90xxx-WLED |

xxx = protocol output :
USB or PS/2

White backlighting as
standard, other colours
on request

DIMENSIONAL DRAWING

panel mount version with bezel



Dim in mm.

COLOURS

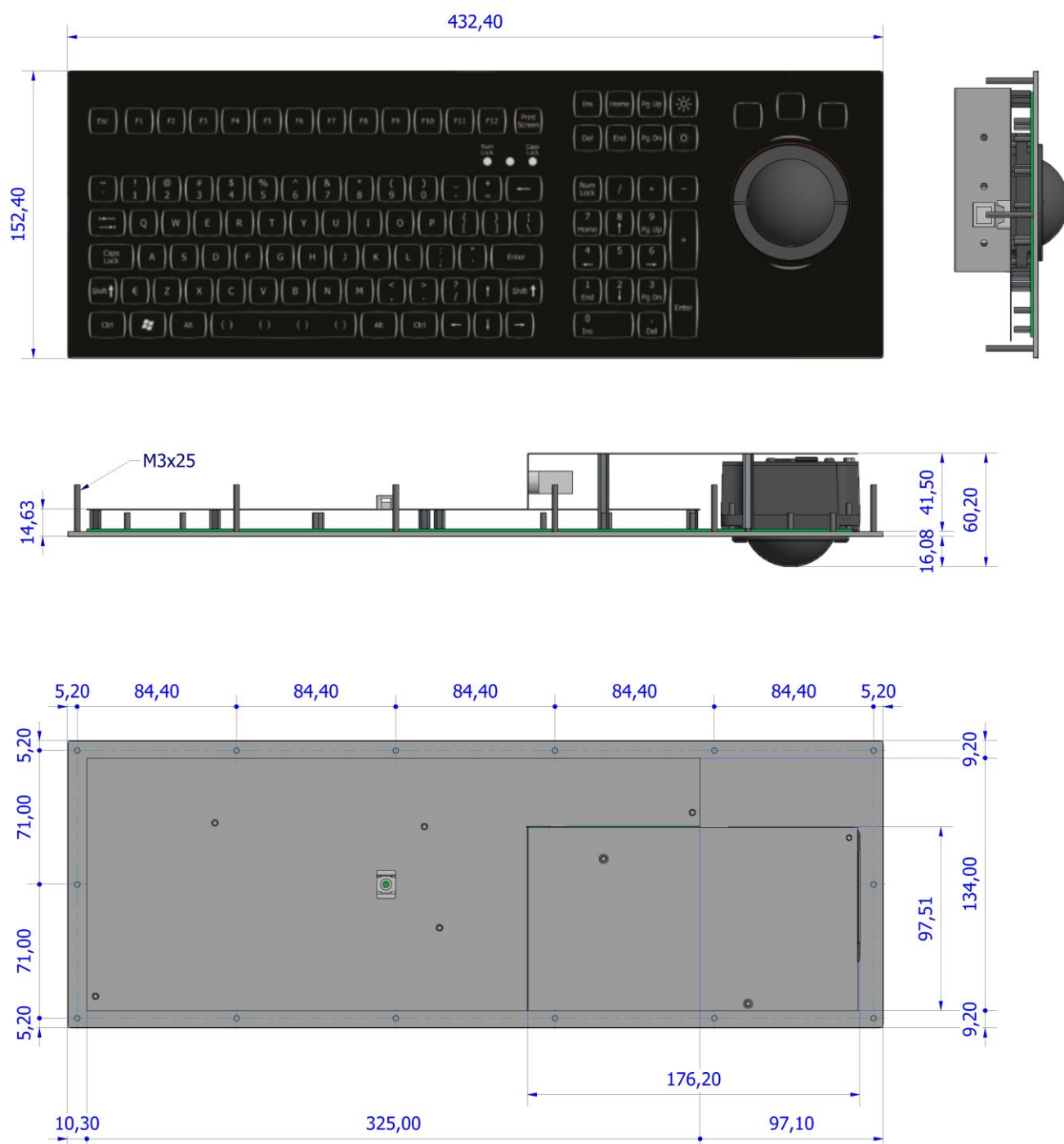
Keyboard & Key Background : PANTONE Black 2 C 2X

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.

DIMENSIONAL DRAWING

panel mount version without bezel



Dim in mm.

COLOURS

Keyboard & Key Background : PANTONE Black 2 C 2X

Key edges & key legends : white Translucent

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DIMENSIONAL DRAWING

Desktop version



Dim in mm.

COLOURS

Keyboard & Key Background : PANTONE Black 2 C 2X

Key edges & key legends : white Translucent

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