

# storm

## 2210-T/B Series Keyboards



### Compact format, vandal resistant keyboards with integrated trackball

- Vandal resistant (20J BS EN 60068-2-75: 1997)
- Weather resistant (IP65)
- Integral PS2/USB Interface (switchable)
- Optional PC connection cables (sold separately)
- Optional fixing kit for under panel installation (sold separately) or adapter kit for benchtop use (also sold separately)
- RFI / EMI Protection in accordance with current European and U.S. directives
- Operational life of more than 4 million cycles per key
- Resistant to most commonly used cleaning agents
- Integral 38mm PS2 / USB compatible trackball with left & right click keys
- 63 keys
- Compact format: 360.0 mm x 118.5 mm x 38.5 mm



[www.storm-interface.com](http://www.storm-interface.com)

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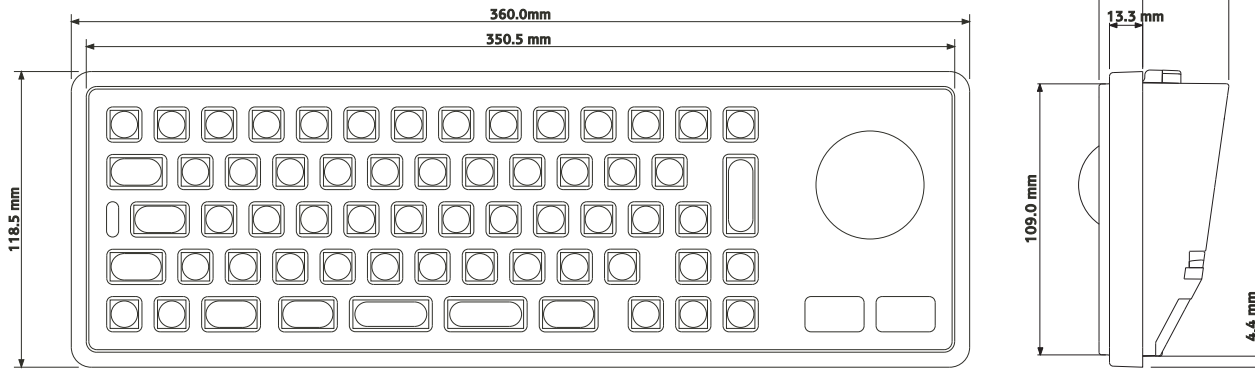


## 2210-T/B Series keyboards for public environments

STORM 2210-T/B keyboards are constructed to survive in exposed, unsupervised, public environments. Their responsive key action ensures rapid, reliable and responsive data entry in tough, wet or hostile conditions. A hardened stainless steel front plate and captive, cast metal or high impact polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism. A water and impact resistant trackball makes this keyboard the complete and ideal solution for PC data entry in menu based 'point & click' application.



### Overall Dimensions

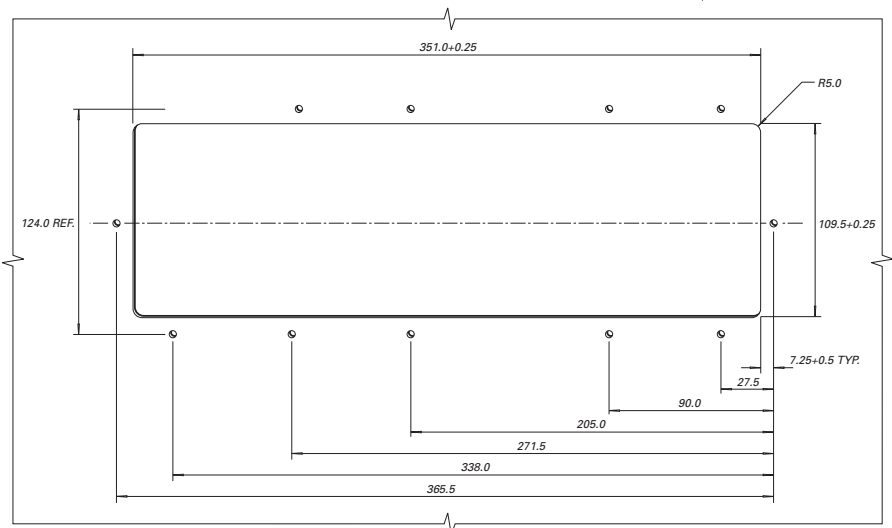


Keyboard Weight:	
with cast metal keytops/trackball	<b>2.20 kg</b>
with polymer keytops/trackball	<b>1.80 kg</b>
Underpanel cut out aperture	<b>351.0 x 109.5 mm (11.0 x 4.3 in.)</b>
Max panel thickness	<b>2mm</b>

View showing rear of panel with dimensions of stud positions and panel cut out details

All dimensions in mm.

M3 x 20mm long steel weld studs or equivalent



### Options

Build Style	<b>Vandal resistant (stainless steel top plate)</b>
Keytops	<b>Cast metal keytops, chrome plated</b> <b>Black keytops, laser marked white</b>
Encoder	<b>PS2/USB selectable</b>
Languages	<b>English UK, English USA, French, Spanish, German</b>

### Electrical

EMC Emissions	<b>EN55022 : 1998 Class B Limit</b>
EMC Immunity to ESD	<b>EN55024 : 1998</b>
EMC Immunity to Radiated Fields	<b>EN55024 : 1998</b>
Electrical Safety	<b>EN60950, UL60950</b>
Communication	<b>Industry Standard PS2 or USB Interface</b>
Supply requirements	
- voltage	<b>+5V nominal (5.5V to 4.75V)</b>
Supply requirements	
- current	<b>60mA (with 2 LEDs illuminated)</b>

### Environmental

Sealing – Water / Particulates	<b>EN60529 (sealing to IP65)</b>
Trackball sealing	<b>IP65 stationary (IP54 rotating)</b>
Temperature	<b>-20°C to +60°C operating (dry)</b>

### Mechanical

Impact Resistance	<b>20 Joules via 50mm dia steel striker</b>
Key Pitch	<b>19mm</b>
Size	<b>11mm square</b>
Travel	<b>1.5mm nominal</b>
Actuation Force	<b>100g nominal</b>

### Accessories

Description	Stock Code
<b>2200 Underpanel Fixing Kit</b> – contains clips	2210-MK000[x]
<b>2200 Foot Kit</b> – required for benchtop use	2200-FK000[x]
<b>Keyboard PS2 Cable</b> – straight 2.5m long	1200-00100[x]
<b>Keyboard USB Cable</b> – straight 2.5m long	1200-00200[x]
<b>Trackball PS2 Cable</b> – straight 2.5m long	2200-00200[x]
<b>Trackball USB Cable</b> – straight 2.5m long	2200-00300[x]

Whilst every effort is made to ensure details are correct at time of print, specifications are subject to change without notice.



UL File reference: E230121

Designed & produced by NIK Design  
www.nikdesign.co.uk

2210-T/B-LIT-01 Rev 5  
Mar 2010



FM 39602



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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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