Storm 2230 Series Keyboards

Fully featured, vandal resistant keyboards with numeric/arithmetic function keypad

- 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
- 92 keys with non embedded numeric/arithmetic keypad
- Space efficient footprint: 346.5 mm x 137.5 mm x 32.8 mm

www.backplane.com.au

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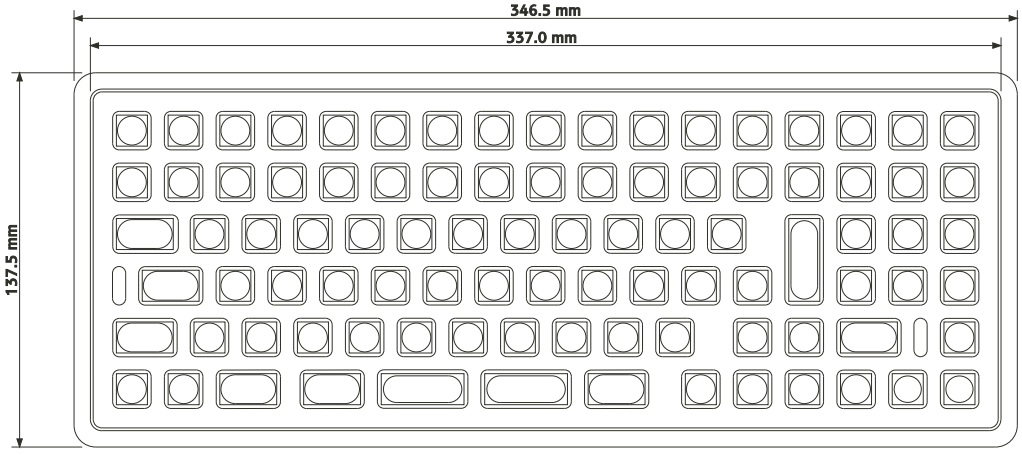
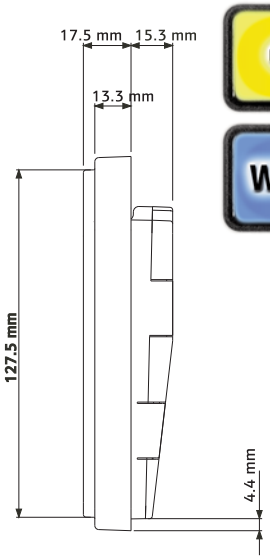
Storm

2230 Series keyboards for public environments

STORM 2230 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 high impact polymer keys ensure the keyboard's resistance to hard use, abuse and vandalism.

Overall Dimensions

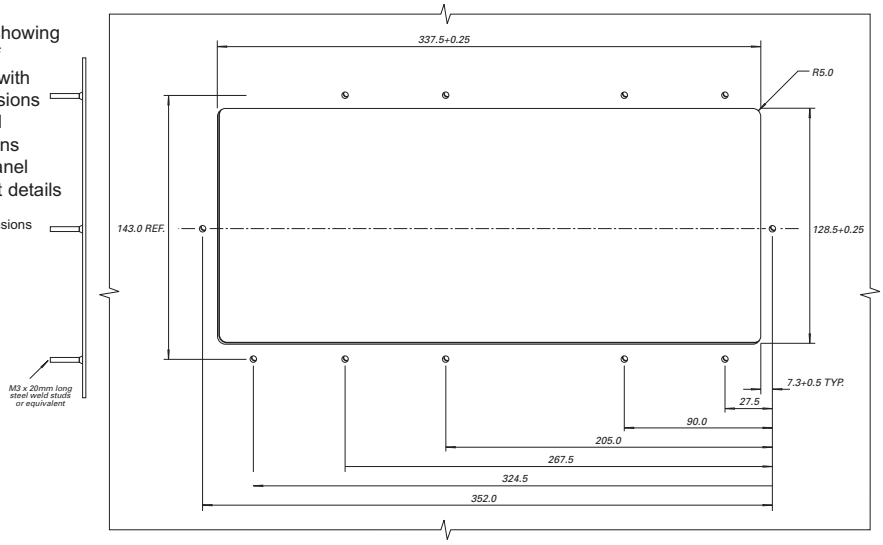




Keyboard Weight:	
with polymer keytops	**1.80 kg**
Underpanel cut out aperture	**337.5 x 128.5mm (13.29 x 5.06 in.)**
Max panel thickness	**2mm**

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

All dimensions in mm.



Options

Build Style	**Vandal resistant (stainless steel top plate)**
Keytops	**Black keytops, laser marked white**
Encoder	**PS2/USB selectable**
Languages	**English UK, English USA, French, Spanish, German**

Electrical

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

Environmental

Sealing – Water / Particulates	**EN60529 (sealing to IP65)**
Temperature	**-20°C to +60°C operating (dry)**

Mechanical

Impact Resistance	**20 Joules via 50mm dia steel striker**
Key Pitch	**19mm**
Size	**11mm square**
Travel	**1.5mm nominal**
Actuation Force	**130g nominal**

BACKPLANE SYSTEMS TECHNOLOGY

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Accessories

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

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