



Backplane Systems Technology

Backplane Systems Technology Pty Ltd
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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



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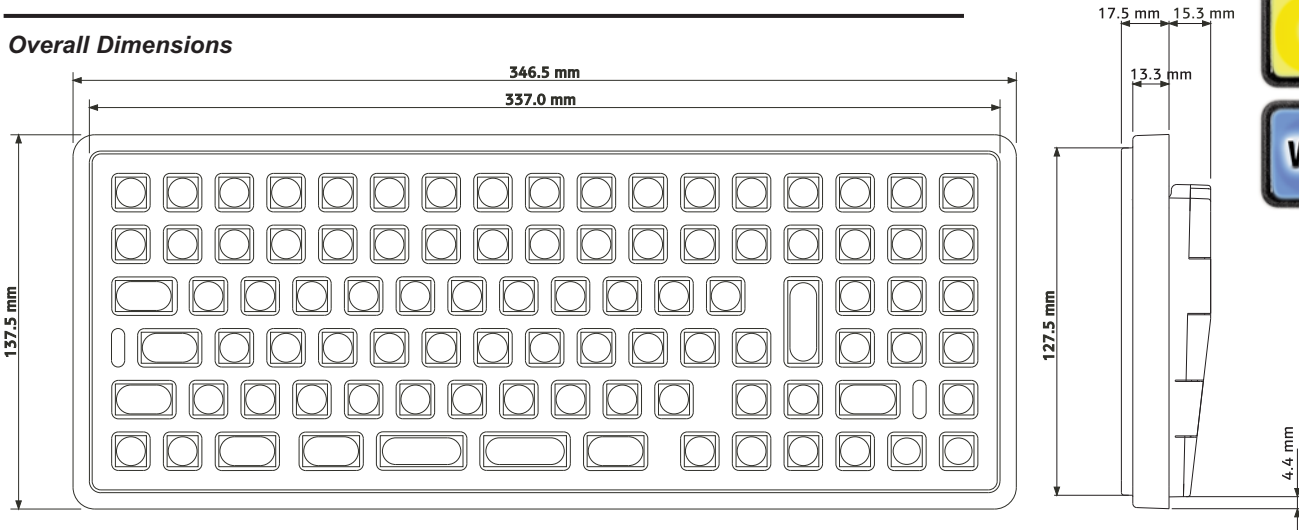


2230 Series keyboards for public environments

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

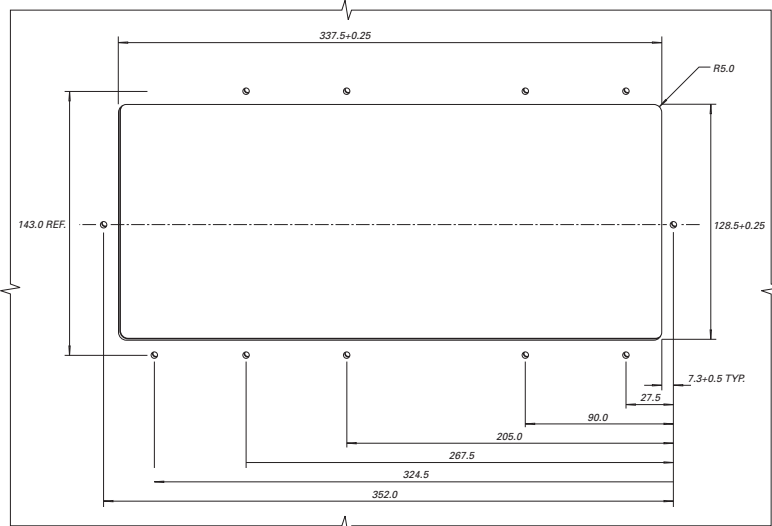


Keyboard Weight:	
with polymer keytops	1.80 kg
Underpanel cut out aperture	337.5 x 128.5mm (13.29 x 5.06 in.)
Max panel thickness	2mm

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

All dimensions in mm.

M3 x 20mm long steel weld studs or equivalent



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



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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	100g nominal

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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FM 39602



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