

storm 2220 Series Keyboards



Compact format, vandal resistant keyboards, with F1-F12 function keys, for use in exposed public environments

- 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
- 75 keys
- Compact format: 289.5 mm x 137.5 mm x 32.8 mm



Storm Interface products include technology protected by international patents and design registration. All rights reserved.

UK Email: sales@storm-interface.com Tel: +44 (0)1895 431421
USA Email: sales.usa@storm-keypads.com Tel: +1 (630) 469 2981

www.storm-interface.com

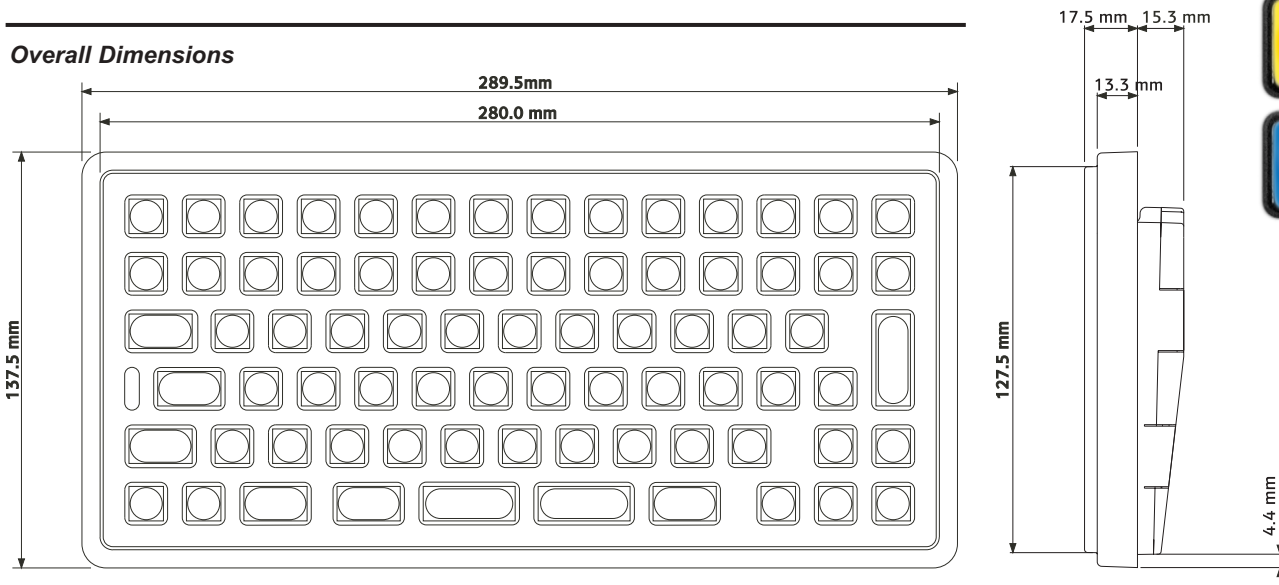


2220 Series keyboards for public environments

STORM 2220 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.



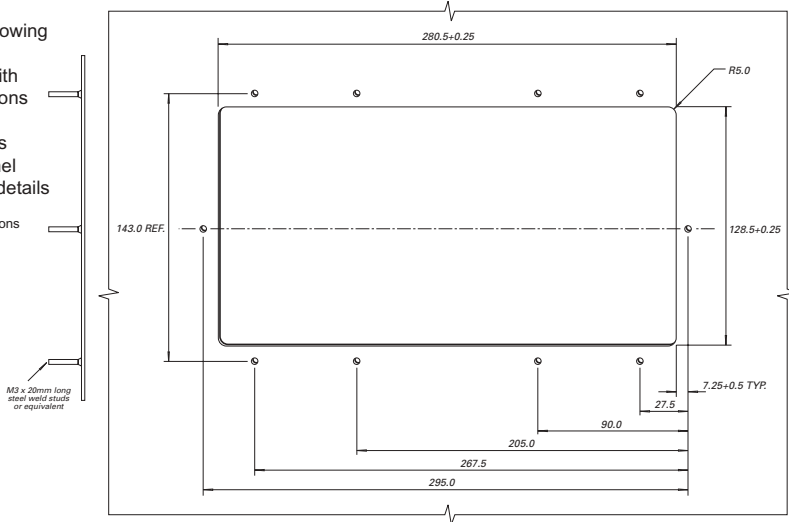
Overall Dimensions



Keyboard Weight: with polymer keytops	1.70 kg
Underpanel cut out aperture	280.5 x 109.5mm (11.0 x 4.3 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

Accessories

Description	Stock Code
2200 Underpanel Fixing Kit — contains clips	2200-MK0001
2200 Foot Kit — required for benchtop use	2200-FK000X
Keyboard PS2 Cable — straight 2.5m long	1200-001001
Keyboard USB Cable — straight 2.5m long	1200-002001

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

Brochure designed & produced by NIK Design: +44 (0)7810 551046



2220-LIT-01 Rev 2 Oct 2004



FM 39602



USA Office:

Storm Interface
Suite 202
364 Pennsylvania Avenue
Glen Ellyn IL 60137 USA

Tel: (630) 469 2981
Fax: (630) 469 2975

Email: sales.usa@storm-keypads.com

UK Office:

Storm Interface
14 Bentinck Court
Bentinck Road
West Drayton
Middlesex UB7 7RQ

Tel: +44 (0)1895 431421
Fax: +44 (0)1895 431132

Email: sales@storm-interface.com

www.storm-interface.com

Storm is a trademark of Keymat Technology Ltd
Storm Interface is a trading name of Keymat Technology Ltd

Storm Interface products include technology protected by international patents and design registration. All rights reserved.