



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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



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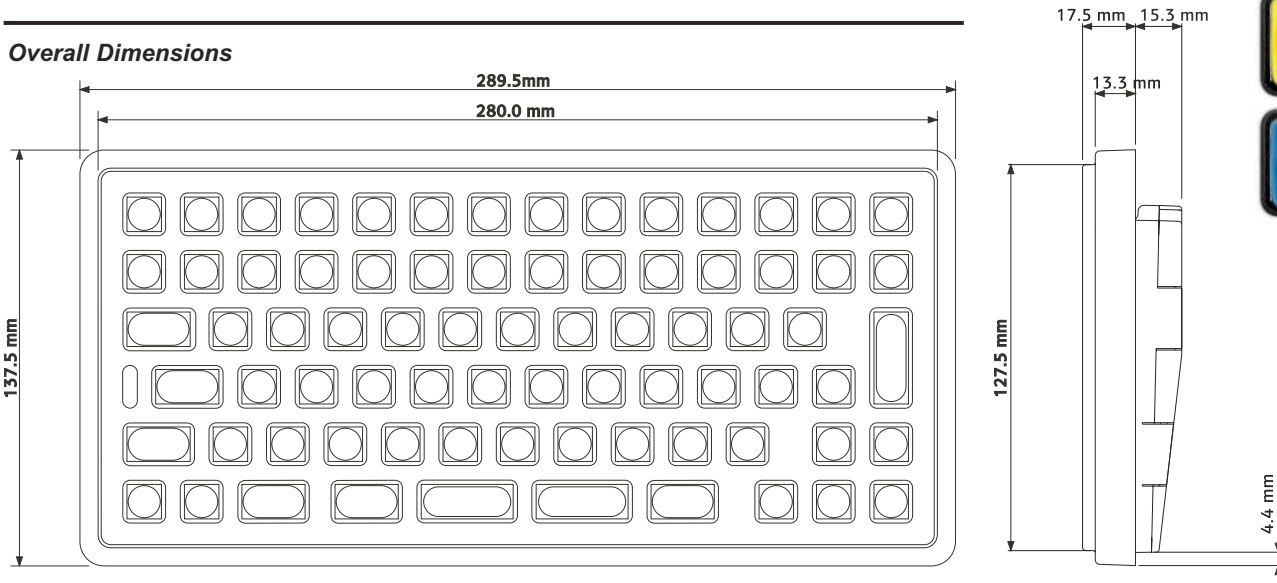
storm

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.



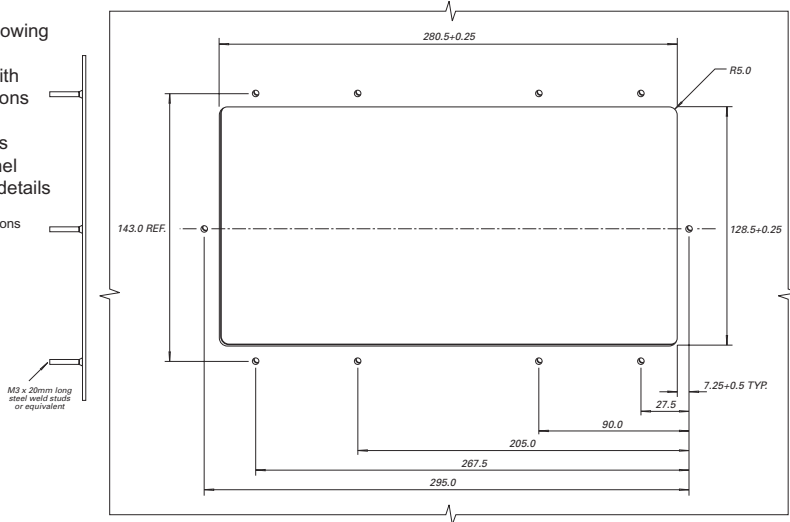
Overall Dimensions



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



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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.



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