Compact format, vandal resistant USB keyboard with numeric/ arithmetic functions

STORM 2230 keyboards are constructed to survive in exposed, unsupervised situations.

Storm's proprietary switch technology delivers a responsive key action ensuring rapid and reliable data entry in hostile environments. A hardened stainless steel front plate and captive, high contrast, high impact polymer keys ensure the keyboard stands up to hard use, abuse and vandalism. Now offered with bright white keytops to achieve maximum visibility and accessibility. High contrast laser engraved keytop graphics also deliver improved resistance against character wear and fading, even in exposed outdoor locations.

- Vandal resistant (20J BS EN 60068-2-75: 1997)
- Weather resistant (IP65)
- Integral USB 2.0 Interface via single USB 2.0 cable (supplied)
- Optional fixing kit for under panel installation (sold separately) or anti-slip foot 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
- Compact format: 346.5 mm x 137.5 mm x 38.5 mm

RETAIL

CORPORATE

CIVIC

INDUSTRIAL

Electrical

EMC Emissions:	EN55023: 2015 Class B Limit
EMC Immunity to ESD:	EN55024: 2010
EMC Immunity to radiated fields:	EN55024: 2010
Electrical Safety:	EN60950, UL60950
Communication:	Industry standard USB 2.0 interface
Supply voltage:	+5V nominal (5.5V to 4.75V)
Supply current:	60mA (with 2 LEDs illuminated)

Environmental

Sealing:	EN60529 (sealing to IP65)
Weather resistance:	-20°C to +70°C operating (dry)

Mechanical

Impact resistance:	20 Joules via 50mm dia steel striker
Key pitch:	19mm
Key size:	11mm square
Actuation force:	100g nominal

17.5 mm   15.3 mm
13.3 mm
4.4 mm

346.5 mm
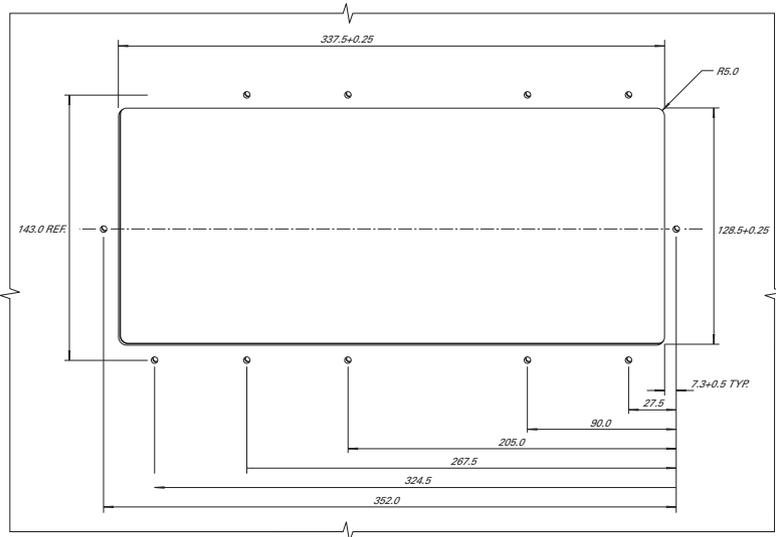337.0 mm
137.5 mm
127.5 mm
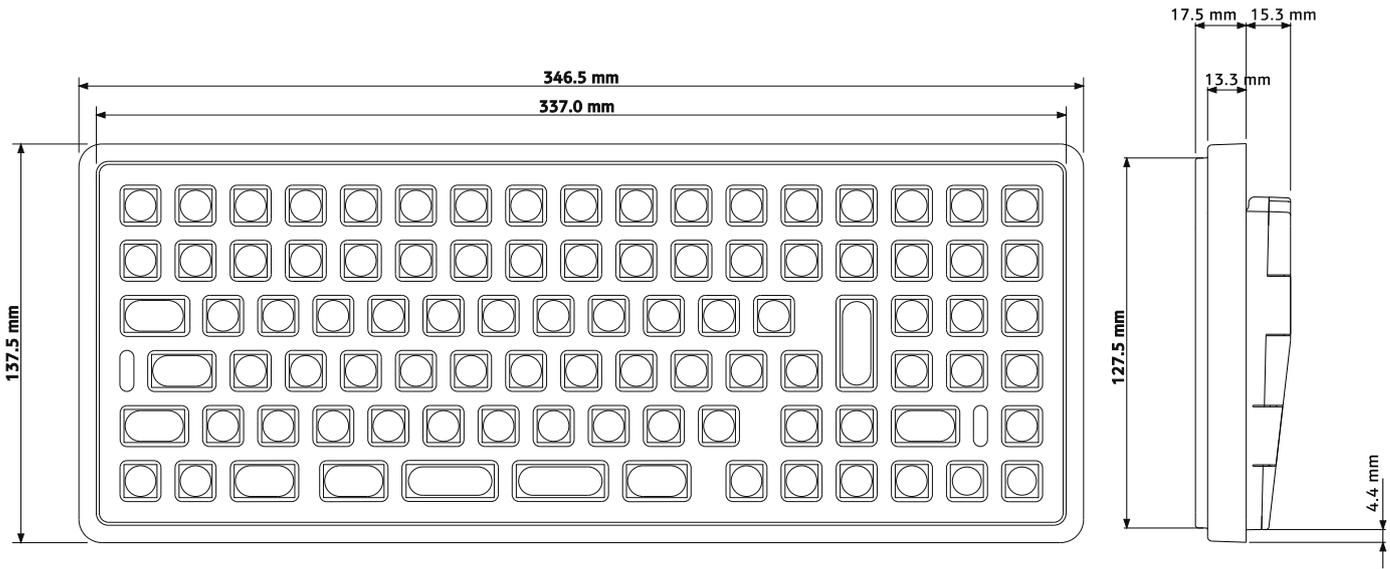
Keyboard Weight:

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

337.5+0.25
R5.0
143.0 REF.
128.5+0.25
7.3+0.5 TYP.
27.5
90.0
205.0
267.5
324.5
352.0

Alternative Options

Languages   **English UK, English USA, French, Spanish, German**

2230 Series USB 2.0 Keyboards	Part Numbers
White Polymer Keys, UK	2230-55201
White Polymer Keys, USA	2230-55202
White Polymer Keys, French	2230-55203
White Polymer Keys, German	2230-55204
White Polymer Keys, Spanish	2230-55207

Accessories	Part Numbers
2200 underpanel fixing kit (contains clips)	2210-MK000
2200 foot kit – required for benchtop use	2200-FK000

For more information & to order:
www.storm-interface.com

2230 Aug 2017

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